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Site #6651

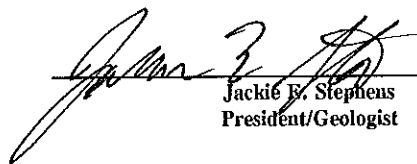
For: Bob Garrett

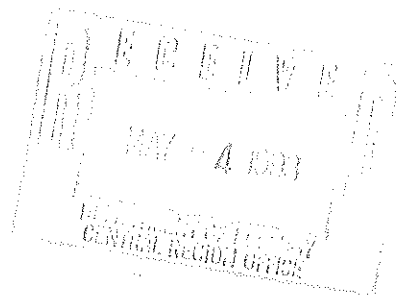
**DECOMMISSIONING,  
SITE ASSESSMENT  
and  
SITE CHARACTERIZATION REPORT**

**LOOMIS CHEVRON SITE**

By: Iain A. Olness, Hydrogeologist

Reviewed by:

  
\_\_\_\_\_  
Jackie B. Stephens  
President/Geologist



30 April, 1993

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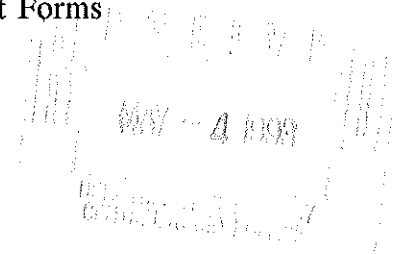
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**LOOMIS CHEVRON**  
**UNDERGROUND STORAGE TANK**  
**SITE ASSESSMENT/SITE CHARACTERIZATION**

## **1.0 INTRODUCTION**

Blue Ridge Associates, Inc. (Blue Ridge), was retained by Pete Buster of Hydrocarbon Specialties Contractors, Inc. (HSCI) to perform an Underground Storage Tank (UST) **SITE ASSESSMENT/SITE CHARACTERIZATION** at the Loomis Chevron, located in Loomis, Washington (see Figure 1, Area Location and Figure 2, Site Location). This report is submitted to satisfy the scope of work of the consultant/client contract for an **UST SITE ASSESSMENT/SITE CHARACTERIZATION REPORT** and to meet the requirements of the Washington Department of Ecology (DOE).

Chapter 173-360 WAC states that the purpose of a **SITE ASSESSMENT/SITE CHARACTERIZATION REPORT** is *"to investigate an UST site at the time of closure or change-in-service to determine if a release has occurred"*. Three (3) Underground Storage Tanks (UST's) were permanently removed from the subject site. Two (2) new double-walled fiberglass tanks are to be installed in the near future to replace the three (3) decommissioned UST's. An **UST SITE ASSESSMENT** is required in this situation.

The **SITE ASSESSMENT** consists of a site inspection, site sampling upon tank removal, submitting of the samples for analysis, review and interpretation of the analytical results, review of past activities on the site and its environs, and communication with appropriate governmental agencies. Based on the information obtained, the UST site is either determined to be free of contamination, or it is reported as a leaking UST (LUST) site. If petroleum based contamination is found at the site a **SITE CHARACTERIZATION** report is required. A **SITE CHARACTERIZATION** consists of the information required for a **STATUS REPORT** plus the following:

- 1) A site conditions map indicating approximate boundaries of the property, all areas where hazardous substances are known or suspected to be located, and sampling locations. This map may consist of a sketch of the site at a scale sufficient to illustrate this information;
- 2) Available data regarding surrounding populations, surface and ground water quality, use and approximate location of wells potentially affected by the release, subsurface soil conditions, depth to groundwater, direction of groundwater flow, proximity to and potential for affecting surface water, locations of sewers and other potential conduits for vapor or free product migration, surrounding land use, and proximity to sensitive environments;

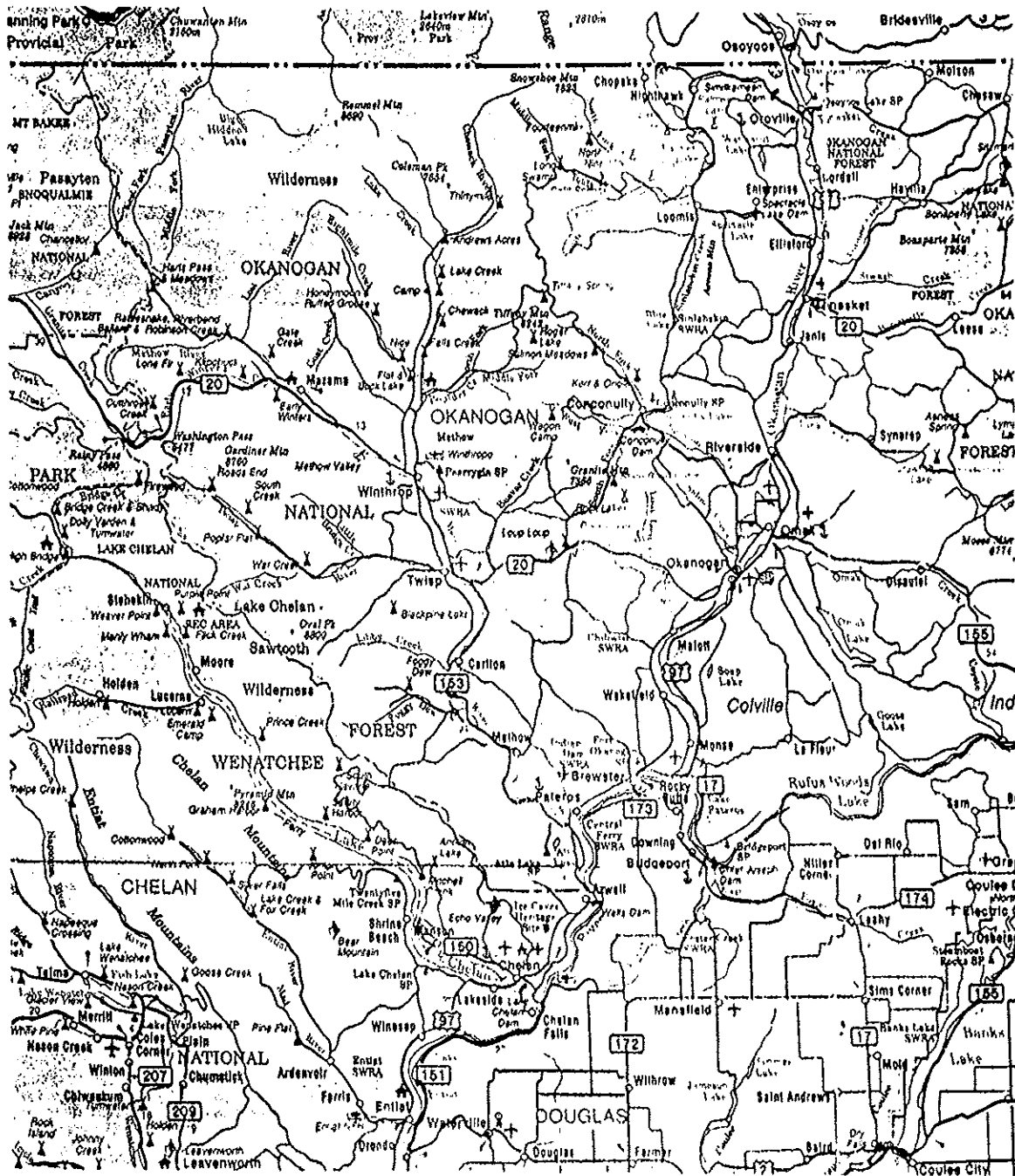
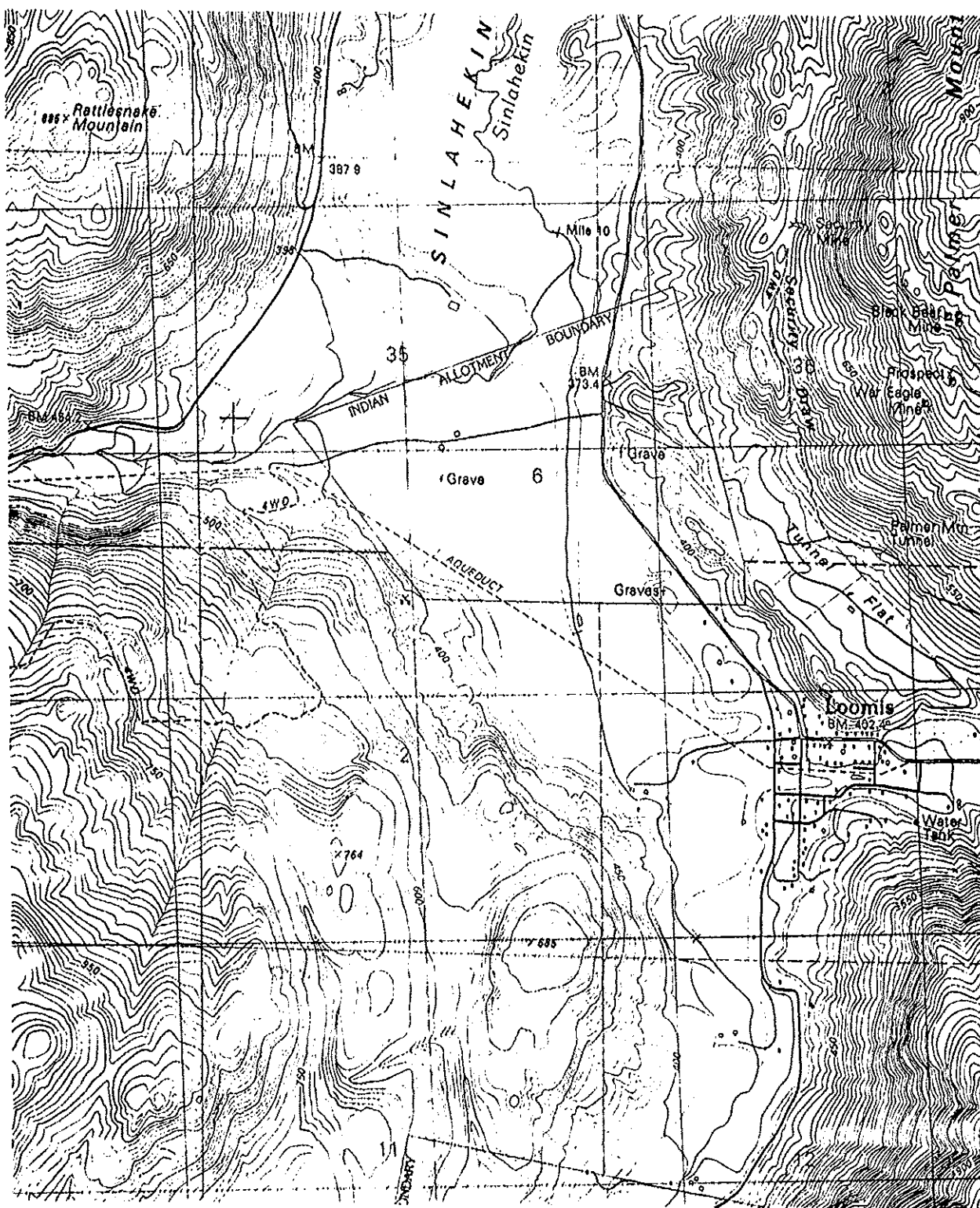


Figure 1: Area Location of Loomis, Washington.



**Figure 2: Location of Loomis Chevron Station, Loomis, Washington**

- 3) Results of tests of the free product investigation required under subsection (3)(a)(iii) and (iv) of WAC 173-340-450 of the Model Toxics Control Act.
- 4) Results of the free product investigation required under subsection (3)(a)(v) of WAC 173-340-450 of the Model Toxics Control Act.
- 5) Results of all completed site investigations, interim actions and cleanup actions and a description of any remaining investigations, cleanup actions and compliance monitoring which are planned or underway; and
- 6) Information on the free product removal efforts at sites where investigations indicate free product is present. This shall include, at a minimum, the following information:
  - a) Name of person responsible for implementing the free product removal measures;
  - b) The estimated quantity, type, and thickness of free product observed or measured in wells, boreholes and excavations;
  - c) The type of free product recovery system used;
  - d) The location of any on-site or off-site discharge during the recovery operation;
  - e) The type of treatment applied to, and the effluent quality expected from, any discharge;
  - f) The steps taken and planned to obtain necessary permits for any discharge;
  - g) Disposition of recovered free product; and
- 7) Any other information required by the department.

## **2.0 SCOPE OF WORK**

The scope of work performed for this assessment is intended to meet the requirements for an **UST SITE ASSESSMENT/SITE CHARACTERIZATION REPORT**. The following discussion details the work performed during the course of this site assessment. Blue Ridge Associates, Inc., was retained to supervise the **UST DECOMMISSIONING**. The decommissioning was performed by Pete Buster of Hydrocarbon Specialties Contractors, Inc. The subject tanks were excavated and removed from the site under the supervision of Iain Olness of Blue Ridge Associates, Inc.

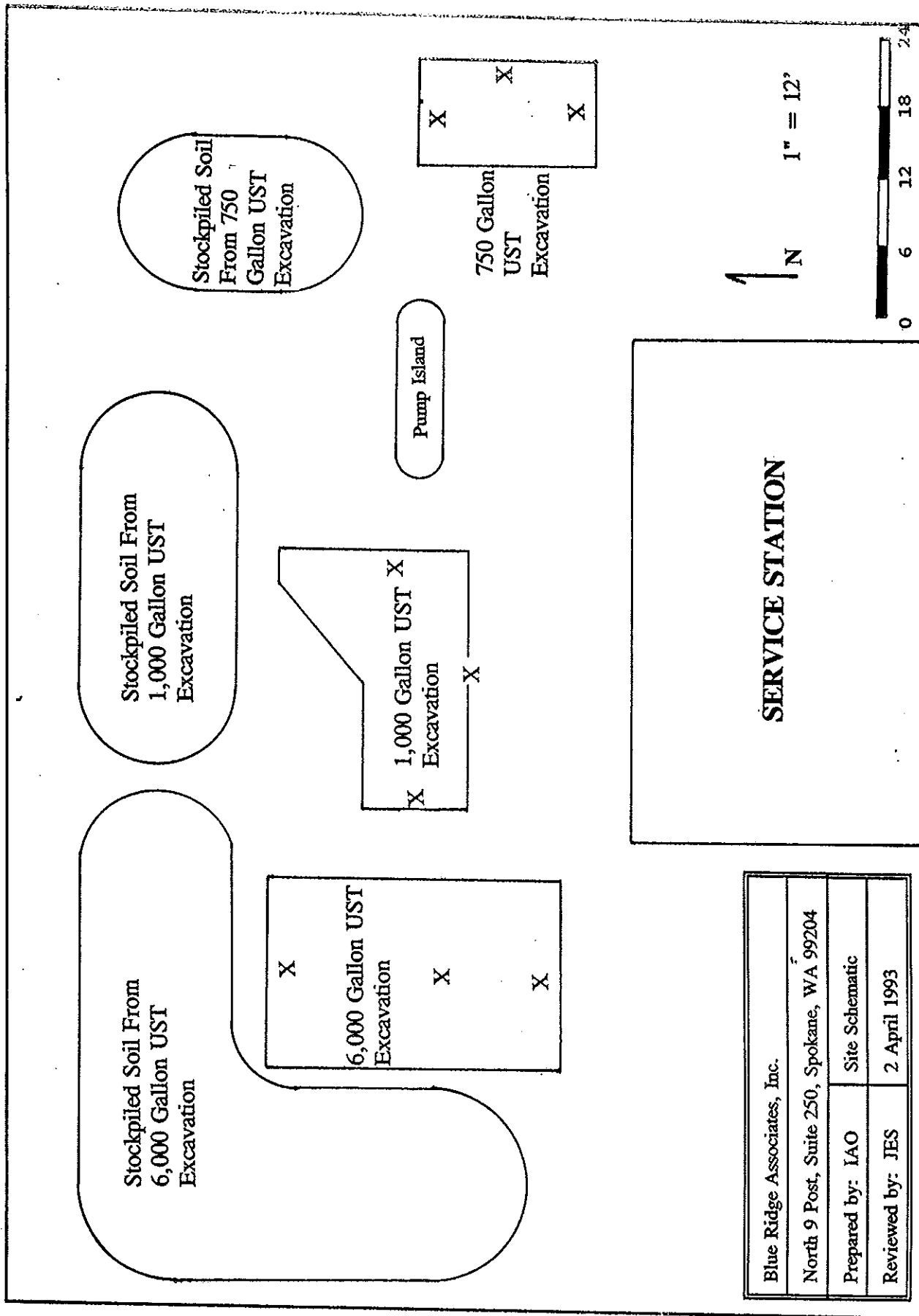


Figure 3: Site plan showing locations of excavation pits in relation to the building.

## 2.1 Site Inspection Information

The on-site site assessment at the Loomis Chevron was conducted on 23 March 1993, by Mr. Iain A. Olness, hydrogeologist for Blue Ridge Associates, Inc. Blue Ridge has a DOE Provider's License number 001535, while Mr. Olness is a Registered Site Assessor and has a Washington State Underground Storage Tank Supervisor License (#W002062). Three (3) UST's were removed from the subject site. The DOE site number for the Loomis Chevron site is 006651 (Appendix II).

The tank decommissioning was performed by Pete Buster of Hydrocarbon Specialties Company, Inc. (HSCI) of Spokane, Washington, under the supervision of Iain Olness, hydrogeologist, of Blue Ridge Associates, Inc. The excavation was conducted by Don Beanblossom from Oroville, Washington. The UST's were removed on 23 March 1993, with the UST data shown in the following table:

**Table 1: Underground Storage Tank Data**

<b>Tank Number</b>	<b>Age (years)</b>	<b>Capacity</b>	<b>Substance</b>
#1	47	750	Diesel
#2	47	1,000	Leaded gasoline
#3	29	6,000	Unleaded gasoline

The UST's were located along the northern end of the subject-property next to Palmer Avenue in Loomis, Washington. The long axis of the 750 gallon and the 6,000 gallon UST's was north/south, and the long axis of the 1,000 gallon UST was east/west (Figure 3).

## 2.2 Site History

The site where the UST's were located is the current location of the Loomis-Chevron. Mr. Bob Garrett purchased the station in 1946 and built the present building in 1964. Mr. Garrett stated that the 750 and the 1,000 gallon UST's were located on the subject-property when he purchased it and the 6,000 gallon UST was installed in 1964.

## 2.3 Review of Area and Location

The site is located within Okanogan County, in the city of Loomis, Washington at an elevation of 1,280 feet above mean sea level.

### 2.3.1 Surrounding Properties

The Loomis Chevron Station is located at the southwest corner of the intersection of Palmer Avenue and Second Street. The Stagestop Store-Tavern-Cafe is located east of and across Second Street from the excavation site. A storage garage and vacant lot is located south of the Loomis Chevron station, which is south of the excavation. Garrett's Quality Used Cars, a used car dealership is located west of the excavation site. Residential houses and a car lot used by Garrets Quality Used Cars lie to the north of the excavation across Palmer Avenue (see Figure 4, Land Ownership around Loomis Chevron Station).

### 2.3.2 Geology and Hydrology

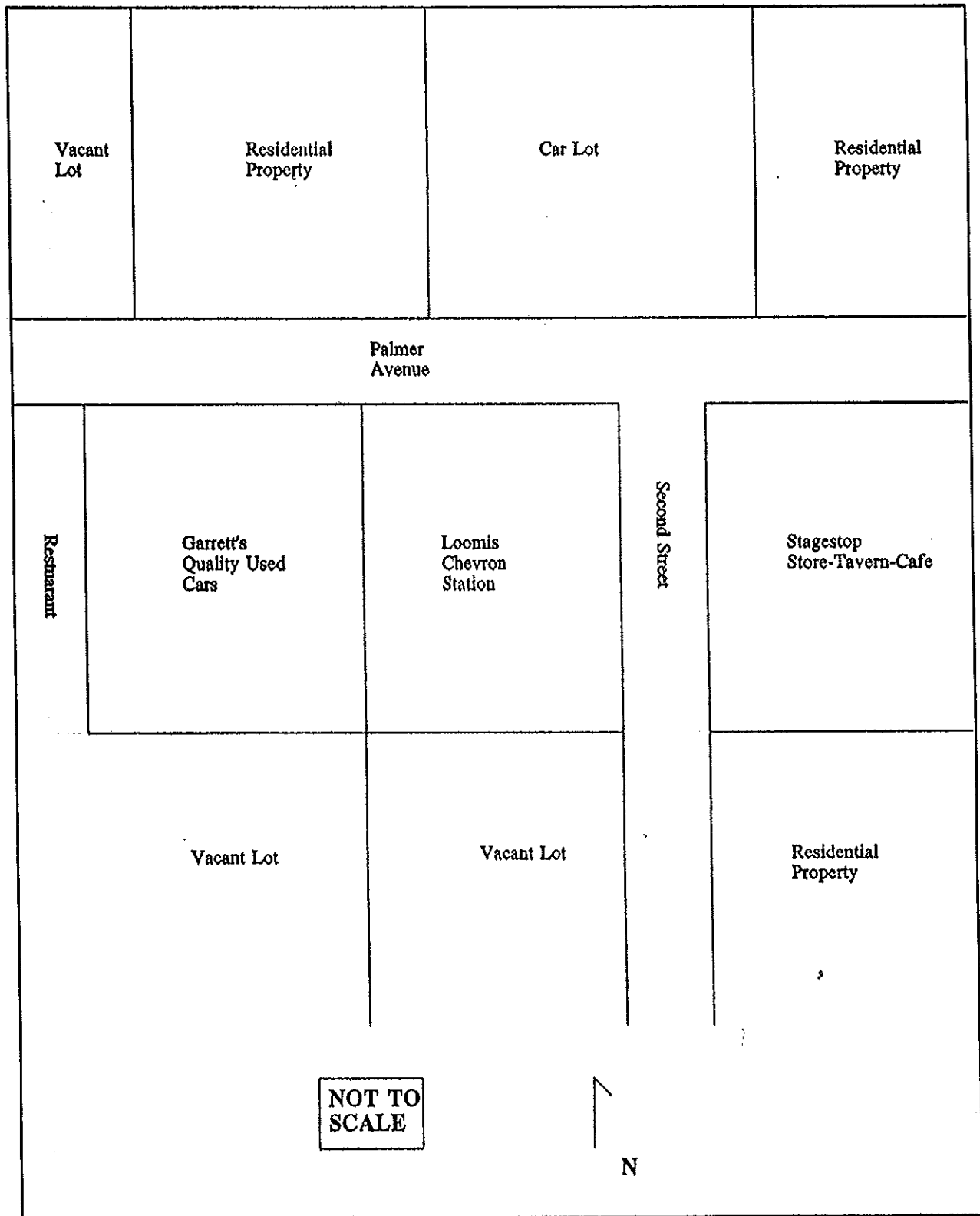
Loomis is located on glacial outwash, of Pliestocene age, consisting of stratified silt, sand, and gravel in outwash plains, kame terraces, kames, and eskers. The outwash deposits consist of massive to crudely bedded, pebbly gravel with thin interbeds of cross-stratified sand. The kame terraces, kames, and eskers are heterogeneous deposits of silt and fine sand, pebbly gravel, and minor till (Stoffel, 1990). North of Loomis, approximately one-tenth (1/10) of a mile is a small outcropping of Palmer Mountain Greenstone. Palmer Mountain to the north-northeast of Loomis is primarily composed of Palmer Mountain Greenstone. The Palmer Mountain Greenstone is Triassic or Permian in age and consists of Greenstone and minor metadiabase rocks with massive sulfides forming stratiform layers in places (Stoffel, 1990). Alluvium of Quaternary age is located west of Loomis in the Sinlahekin Valley (trending north/south) and east of Loomis in the Spectacle Lake drainage (trending east/west). This alluvium is composed of silt, sand, and gravel and is located on modern floodplains and alluvial fans (Stoffel, 1990). The Loomis Pluton, a 69.5-square mile, north-northwest trending, elongate intrusion, is located south-southeast of Loomis and is Jurassic or Triassic in age. The Loomis Pluton is composed of massive to weakly foliated, medium-grained, equigranular granodiorite and tonalite (Stoffel, 1990).

The city of Loomis gets its water supply from a single well located in the northwestern end of the city. Mr. Bob Garrett was informed by J. Hill per Sonny Didra (City Water Works) that the well is approximately eighty (80) feet deep.

### 2.3.3 Land Use Data

The site from where the tanks were removed is the location of the Loomis Chevron Station. This service station has been in operation for at least forty-seven (47) years.

68  
1940-2008  
53 YEARS FOR  
THIS 1992 REPORT



**Figure 4: Land ownership around Loomis Chevron Station**

### 3.0 SITE ASSESSMENT FINDINGS

The following narrative discusses the findings of the **SITE ASSESSMENT/SITE CHARACTERIZATION REPORT**. Photographs of the subject site are included in the Appendices of this report.

#### 3.1 Site Description

The UST's were located north of the service station. The total disturbed area for the 750 gallon UST was approximately 15 feet x 9 feet x 6 feet deep. The total disturbed area for the 1,000 gallon UST was approximately 22 feet x 12 feet x 8 feet deep. The total disturbed area for the 6,000 gallon UST was approximately 25 feet x 16 feet x 14 feet deep. No surface contamination was evident above the tanks due to the asphalt covering.

"A" horizon soil development was minimal, as most of the excavated area was beneath the asphalt. No roots, root material or other organic material was found during the excavation. The material encountered in the excavations was principally fine sand with some weathered metamorphic cobbles. There was also some old cans, metal pails, wood, and other debris found in the bottom of the 750 gallon diesel UST excavation. The depth to water in this area is approximately eighty (80) feet.

#### 3.2 Sampling Program

A total of twelve (12) soil samples were collected (see Figure 5, location of samples for 750 gallon diesel UST (a), 1,000 gallon leaded UST (b), and 6,000 gallon unleaded UST (c)) at the site according to Washington Department of Ecology (WDOE) regulations in Guidance for Site Checks and Site Assessments for Underground Storage Tanks: Department of Ecology Underground Storage Tank Program (February 1991 90-52, revised October 1992)

##### 3.2.1 Description and Procedures

The following applies to each tank that was removed from the site:

Number of Samples. Three. One sample was collected from each endwall, and one was collected from one of the sidewalls (Figure 5).

Type of Samples. Soil. The samples consisted of fine sands.

Method of Collection. Hand tools. Gloves were worn to avoid contamination of the samples, and the sampling trowel was cleaned between samples.

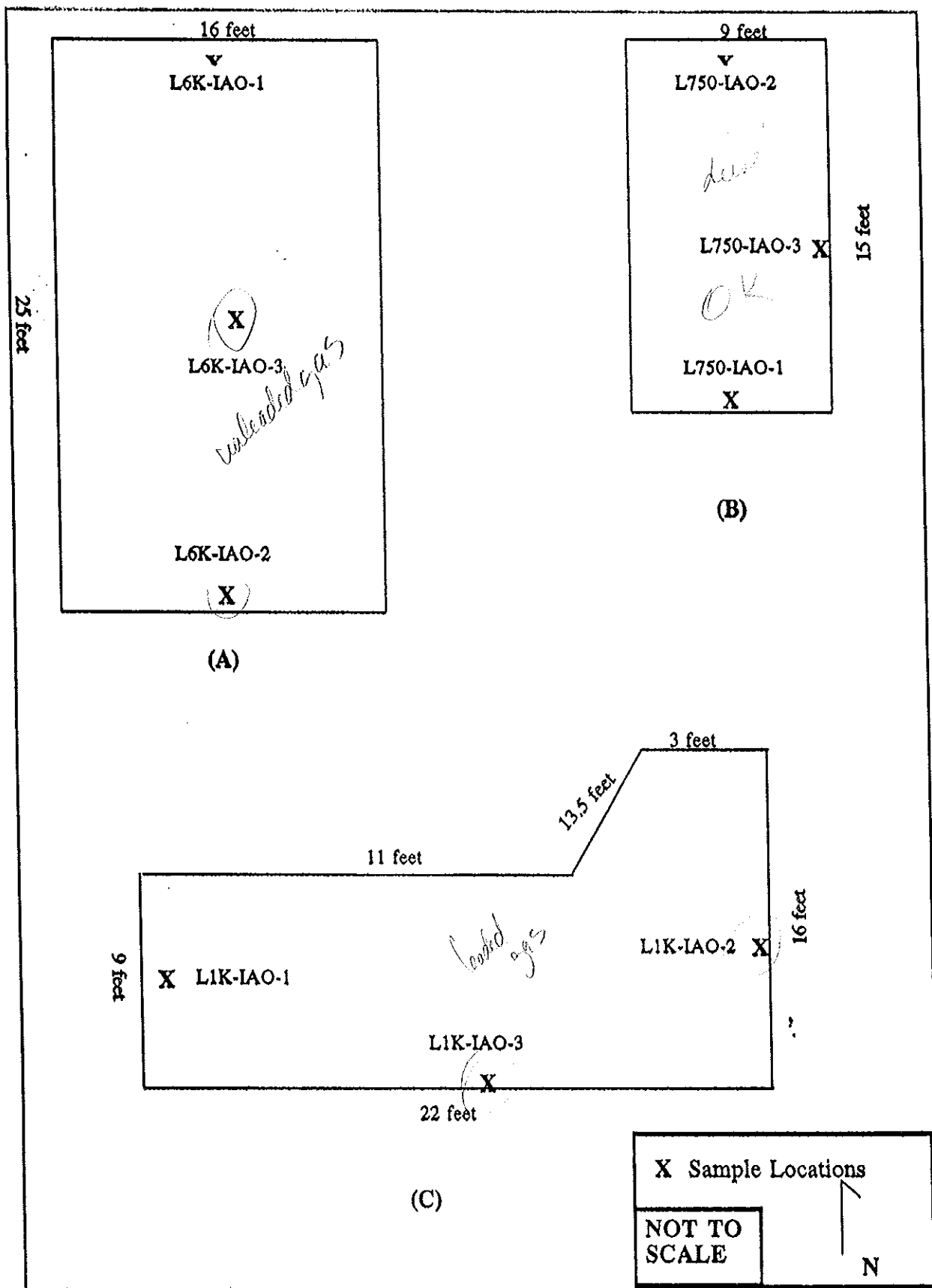


Figure 5: Location of samples for 6,000 gallon unleaded gasoline UST (a), 750 gallon diesel UST (b), and 1,000 gallon led gasoline UST (c).

Method of Preservation. The samples were immediately placed in 300 ml borosilicate jars and sealed with teflon-lined lids. They were placed in a cooler and ice was added to lower temperature to approximately 4° Centigrade and shipped via Greyhound Bus and with a "Chain of Custody" form in accordance with EPA guidelines to:

Analytical Laboratory.

ANATEK Labs  
1917 S. Main  
Moscow, Idaho 83843  
(208) 883-2839

### 3.2.2 Results

Samples were analyzed for the following:

- 1) Total Petroleum Hydrocarbons-Gasoline or Diesel (TPH-G or TPH-D)
- 2) Benzene, toluene, ethylbenzene, and xylene (BTEX)
- 3) Lead

EPA analysis methods are as follows: TPH-G, TPH-D and BTEX - EPA 8020 modified. Appendix III is a copy of the lab report. No diesel contamination was detected in any of the samples taken from the pit which contained the 750 gallon UST containing diesel. BTEX compounds were not analyzed for in any of these samples. Two (2) of the three (3) samples obtained from the pit which contained the 1,000 gallon leaded gasoline UST indicated contamination as high as 3,840 parts per million (ppm) TPH-G, and total BTEX as high as 983.8 ppm. Two (2) of the three (3) samples obtained from the pit which contained the 6,000 gallon unleaded gasoline UST indicated contamination as high as 7,850 parts per million (ppm) TPH-G and total BTEX as high as 999.0 ppm. Two of the three samples obtained from the stockpiled excavated soil indicated no contamination, while the third indicated minor amounts of TPH-G contamination. None of the samples analyzed for total lead were above WDOE action levels, with the highest value being 73.0 ppm. Results are listed in Table 2 and are given in mg/Kg (ppm).

### 3.2.3 Discussion

All of the results from the samples obtained from the pit containing the 750 gallon diesel UST are below the action levels set by the Washington Department of Ecology (DOE). Two of the three samples obtained from the pit containing the 1,000 gallon leaded gasoline UST indicated contamination levels above the action levels set by the DOE. Two of the three samples obtained from the pit containing the 6,000 gallon unleaded gasoline UST also indicated contamination levels above the action levels set by the DOE. The soil action levels for petroleum releases

according to the DOE are listed in Table 3.

The pit which contained the 750 gallon diesel UST was determined to be uncontaminated according to the action levels set by the DOE. There was some debris (i.e. old cans, metal pails, etcetera) in the bottom of the pit. As was noted earlier in this report, the pits which contained the 1,000 gallon leaded gasoline and the 6,000 gallon unleaded gasoline tank were

**Table 2: Sample Results from the Removal of the 750 Gallon Diesel, 1,000 Gallon Leaded Gasoline, and 6,000 gallon Unleaded Gasoline UST's.**

Sample #	TPH	Benzene	Toluene	Ethylbenzene	Xylene	Lead
L750-IAO-1	U <sup>1</sup>	NA	NA	NA	NA	NA
L750-IAO-2	U <sup>1</sup>	NA	NA	NA	NA	NA
L750-IAO-3	U <sup>1</sup>	NA	NA	NA	NA	NA
L750-IAO-4	U <sup>1</sup>	NA	NA	NA	NA	NA
L1K-IAO-1	U <sup>2</sup>	U	U	U	U	1.1
L1K-IAO-2	<b>5,250<sup>2</sup></b>	<b>1.6</b>	<b>46.3</b>	<b>2.9</b>	<b>148.0</b>	<b>73.0</b>
L1K-IAO-3	<b>3,840<sup>2</sup></b>	<b>66.3</b>	<b>339.0</b>	<b>99.5</b>	<b>479.0</b>	<b>62.0</b>
L1K-IAO-4	U <sup>2</sup>	U	U	U	U	6.0
L6K-IAO-1	U <sup>2</sup>	U	U	U	U	NA
L6K-IAO-2	<b>7,850<sup>2</sup></b>	<b>43.6</b>	<b>316.0</b>	<b>95.4</b>	<b>544.0</b>	NA
L6K-IAO-3	<b>2,120<sup>2</sup></b>	<b>1.03</b>	<b>149.0</b>	<b>5.10</b>	<b>76.1</b>	NA
L6K-IAO-4	<b>112<sup>2</sup></b>	<b>0.04</b>	<b>1.22</b>	<b>0.203</b>	<b>1.54</b>	NA

TPH Total petroleum hydrocarbons

U Undetected

NA Not analyzed for these analytes

Results in bold are above Washington DOE Action Levels

<sup>1</sup>

Analyzed for TPH-Diesel

<sup>2</sup>

Analyzed for TPH-Gasoline

determined to be contaminated as sample analysis results were above the action levels for remediation of gasoline contamination set by the DOE. The contamination was deemed to have originated due to overfill of the tank, overfill of vehicle's tanks, spilling during refueling, and/or product leaking from the tanks.

The soil removed during the excavation was placed on the asphalt around the station and later moved behind the station and placed on thirty (30) millimeter (mm) plastic. The soil from the pits were placed in one pile and covered with thirty (30) mm plastic. Bob Garrett, owner of the Loomis Chevron, indicated that he has a private party which has agreed to accept the contaminated soil and "land farm" said soil by using it as fill for said private parties roads. The

soil will remain at its present location behind the service station until such time permission has been received to transport the soil to said private parties property.

**Table 3: Soil Action Levels set by the Washington Department of Ecology**

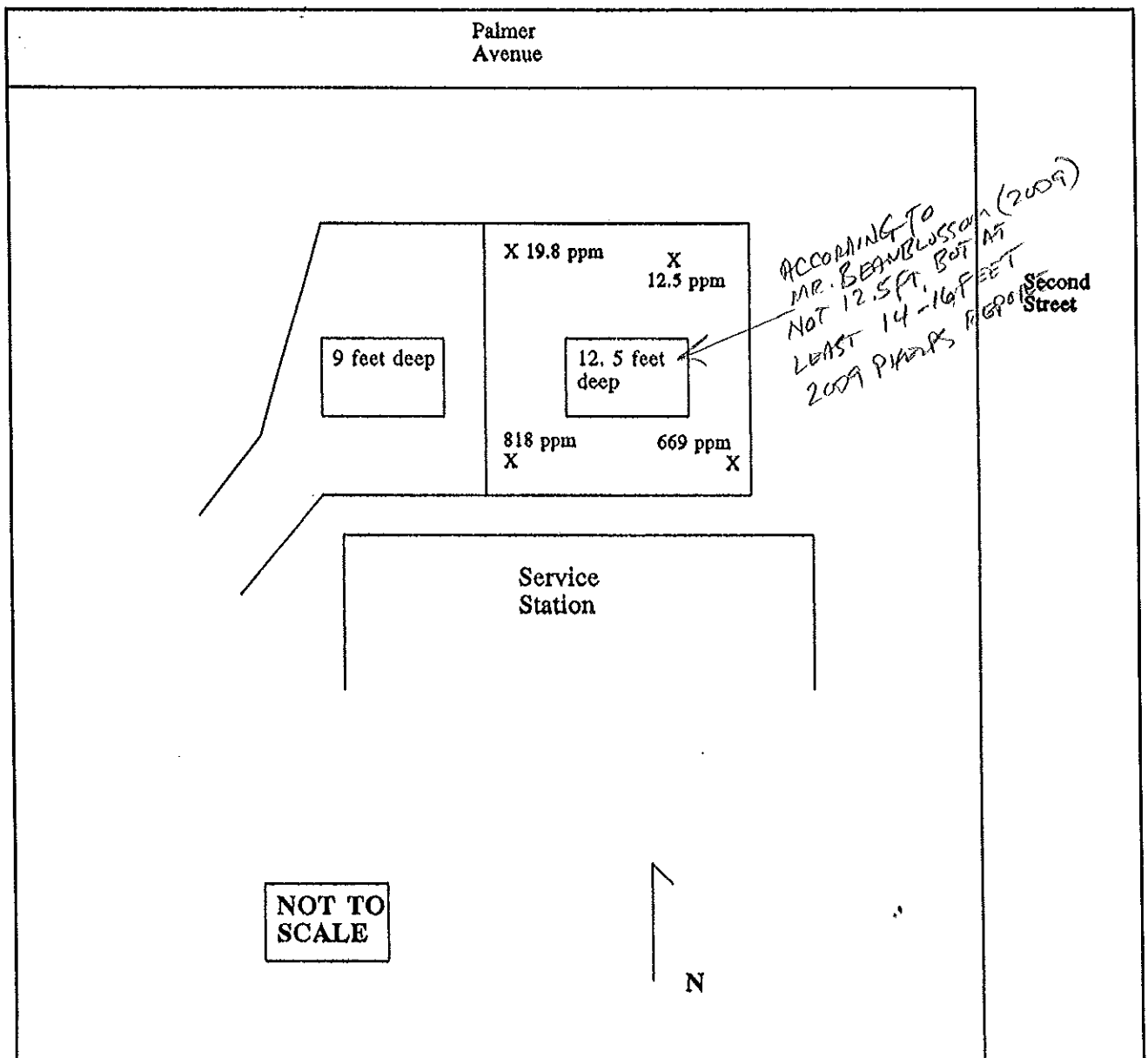
Analyte	Action Levels
Benzene	00.5 mg/Kg
Ethylbenzene	20.0 mg/Kg
Toluene	40.0 mg/Kg
Xylene	20.0 mg/kg
TPH (gasoline)	100.0 mg/Kg
TPH (diesel)	200.0 mg/Kg
Lead	250.0 mg/Kg

### 3.3 Site Characterization

Blue Ridge Associates was not allowed on the site unless asked by the Pollution Liability Insurance Agency (PLIA) or by Hydrocarbon Specialty Contractors, Inc. (HSCI). Iain A. Olness, of Blue Ridge Associates, Inc. was on site on 5 April 1993 to conduct a site characterization for the 1,000 gallon leaded gasoline and 6,000 gallon unleaded gasoline excavation. The two pits had been further excavated to become one pit (See Figure 6, Locations of Photoionization Detector Readings Obtained During the Site Characterization.) A probing hole had been dug to approximately eighteen (18) feet in the southeast corner of the pit and it was reported to Blue Ridge Associates that contamination was still prevalent at this depth. Sluffing of the side walls resulted in this exploratory hole being covered prior to Mr. Olness' arrival on the site with the bottom of the pit being approximately twelve and a half (12.5) feet below ground surface. A Microtip MP-1000 photoionization detector (PID) was used to analyze the soil in the bottom of the pit with the results listed in Table 4 (See Figure 6, Locations of Photoionization Detector Readings Obtained During the Site Characterization.)

*SEE NEW PHOTOREPORT 2009 FOR MORE INFO*

The excavated stockpiled soil was also analyzed using the PID and the results are listed in Table 5 (see Figure 7, Approximate Location of Photoionization Detector Readings from Stockpiled Excavated Soil).



**Figure 6:** Locations of Photoionization Detector Readings Obtained During the Site Characterization.

**Table 4: Results from Photoionization Detector readings obtained from the bottom of the pit during site characterization.**

Sample Location	PID Reading
Northwest corner	19.8 ppm
Northeast corner	12.5 ppm
Southeast corner	<b>669.0 ppm</b>
Southwest corner	<b>818.0 ppm</b>

PROBING  
HOLE TO 13 FEET IN DEPTH

Results in bold are above Washington DOE Action Levels

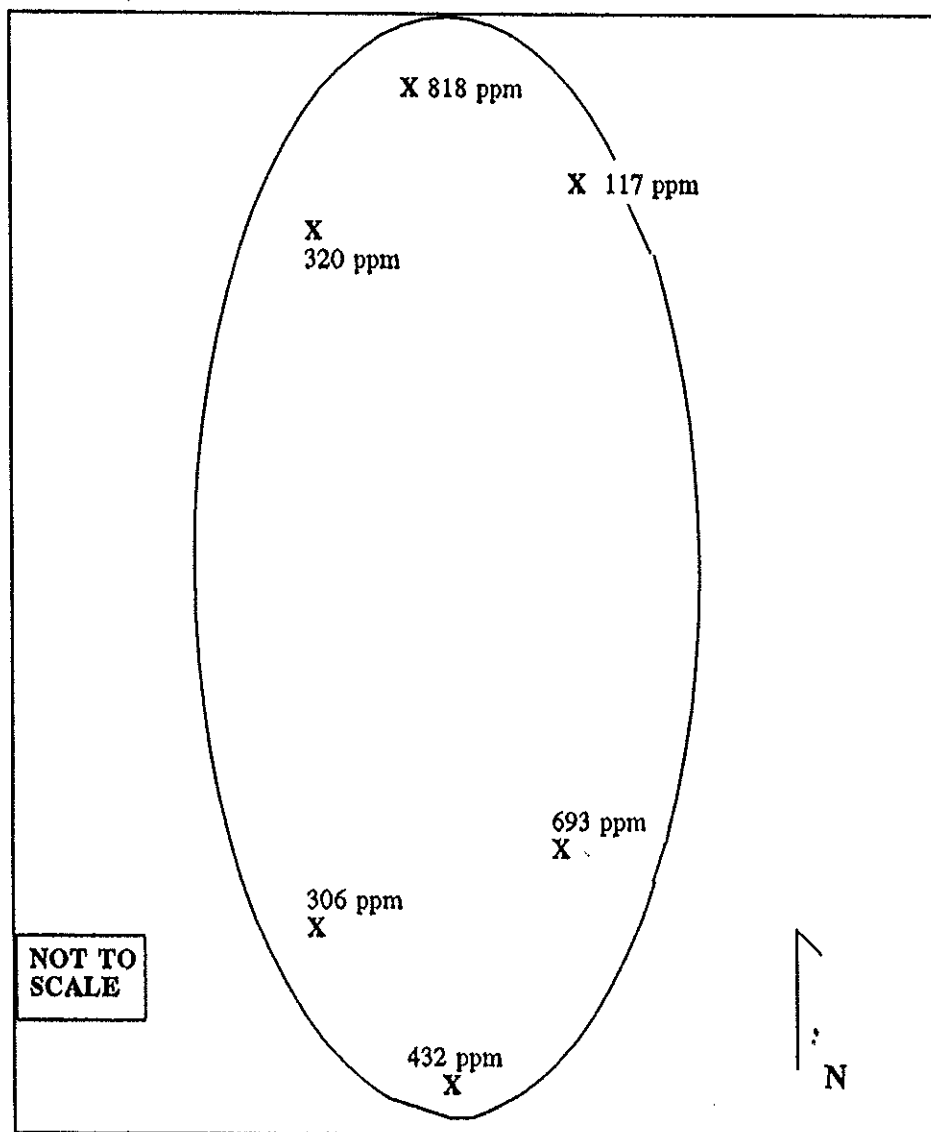
**Table 5: Results from Analyses of Stockpiled Excavated Soil.**

Sample Number	PID Reading
One	<b>117.0 ppm</b>
Two	<b>818.0 ppm</b>
Three	<b>320.0 ppm</b>
Four	<b>306.0 ppm</b>
Five	<b>432.0 ppm</b>
Six	<b>693.0 ppm</b>

Results in bold are above Washington DOE Action Levels

### 3.3.1 Site Characterization Findings

Iain Olness of Blue Ridge Associates, Inc. talked with Jim Chulos of the Central Office of the Washington Department of Ecology and it was decided that to delineate the lateral and vertical extent of contamination boreholes would be utilized. A minimum of five (5) boreholes should be drilled around the pit with two (2) samples being obtained at five foot intervals beginning at ten (10) feet below ground surface. The first sample will be analyzed with the PID and the second sample will be sent to an analytical lab for analysis.



**Figure 7:** Approximate Location of Photolionization Detector readings from Stockpiled Excavated Soil.

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

The SITE ASSESSMENT/SITE CHARACTERIZATION REPORT was completed on 20 April 1993. It is believed to be a factual, unbiased report based on the investigations and sampling at the Loomis Chevron in Loomis, Washington.

None of the three (3) samples obtained from the excavation of the 750 gallon diesel UST were above the action level threshold values for TPH-D. No additional sampling is necessary as the sample results indicate that none of the samples were above the action level threshold values as set by the Washington State DOE. This pit should be filled as soon as possible to avoid any contamination. Two (2) of the three (3) samples obtained from the excavation of the 1,000 gallon leaded gasoline UST were above the action level threshold values for TPH-G and BTEX. Two (2) of the three (3) samples obtained from the excavation of the 6,000 gallon unleaded gasoline UST were also above the action level threshold values for TPH-G and BTEX.

The pit which contained the 1,000 gallon leaded gasoline UST and the 6,000 gallon unleaded UST still contains contaminated soil as is evidenced by the sample results. This contamination problem was discussed with Jim Chulos of the DOE. Jim stated that according to Washington State Regulations the extent of vertical and lateral contamination needs to be determined. The pertinent regulations are found in the Model Toxics Control Act--Cleanup (MTCA-C) in the following sections:

**Table 6: Pertinent Model Toxics Control Act--Cleanup Regulations**

(1) WAC 173-340-350:	State remedial investigation and feasibility study; Section 6 (c) (i), (ii), and (iii)
(2) WAC 173-340-450:	Releases from underground storage tanks; Section (3) (a) (iii)

It is proposed that to delineate the extent of vertical and lateral contamination that five (5) boreholes be drilled around the excavation and sampled at five (5) foot intervals beginning at a depth of ten (10) feet and continuing to a depth of fifty (50) feet or until it is determined that the contamination has been cleared. Tanks have since been installed in the pit and clean pea gravel was used to fill the pit. Exact drilling locations will be partially decided at the site due to the installation of the new tanks.

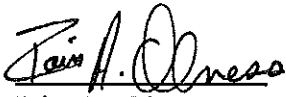
There is indication of contamination by hydrocarbons or petroleum products in the areas around the UST's. A Site Check/Site Assessment form and Site Characterization Report will also be submitted to the DOE.

## 5.0 LIMITATIONS

This report is for the exclusive use of Bob Garrett of the Loomis Chevron to assist in the evaluation of potential environmental liability associated with the UST formerly located on the subject property. All work has been performed in accordance with the guidelines of the Washington Department of Ecology. No other warranty, expressed or implied, is made.

The conclusions are based on existing conditions, observations, and data made available by the owner and governmental agencies. Blue Ridge Associates, Inc., accepts no liability for lack of accuracy in data obtained from governmental agencies. Any representation regarding future generation, storage, handling, or use of hazardous materials, substances, or wastes on this property is outside the scope of this UST site assessment.

Field/Office investigations and report completed by:

  
Iain A. Olness  
Hydrogeologist

30 April 1993  
(date)

**APPENDIX I**

**WORK PROPOSAL**

**APPENDIX II**

**UST AND LUST**  
**LISTS**



LINE NO	TANK NO	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	DATE	PAGE
905736	3	OKANOGAN COUNTY DEPT. OF PUBLIC WORKS	202 NW 1ST AVE	BREWSTER	OKANOGAN COUNTY DEPT OF PUBLIC WORKS	50968932412	(509) 422-3350		
210929	1-GAS TANK	PHILIP JOY	RTE 1 BOX 71	KREWSTER	PHILIP JOY	5096892680	(509) 689-2680		
211182	THREE	TRIANGLE TEXACO	26048 STATE HWY 97/BOX 895	KREWSTER	TRIANGLE TEXACO	5096893519	(509) 689-3519		
211182	ONE	TRIANGLE TEXACO	26048 STATE HWY 97/BOX 885	KREWSTER	TRIANGLE TEXACO	5096893519	(509) 689-3519		
211182	FOUR	TRIANGLE TEXACO	26048 STATE HWY 97/BOX 885	KREWSTER	TRIANGLE TEXACO	5096893519	(509) 689-3519		
211182	TWO	TRIANGLE TEXACO	26048 STATE HWY 97/BOX 885	KREWSTER	TRIANGLE TEXACO	5096893519	(509) 689-3519		
217403	1.	BRIDGEPORT STATE PARK	129N R26E SW1/4 SECTION 18	BRIDGEPORT	WASH ST. PARKS & RECREATION COMMISS	5099232473	(206) 753-5755		
217403	2.	BRIDGEPORT STATE PARK	129N R26E SW1/4 SECTION 18	BRIDGEPORT	WASH ST. PARKS & RECREATION COMMISS	5099232473	(206) 753-5755		
218757	3	WILLIAM V. MCARDOW	POB 158 HWY 153	CARLTON	WILLIAM V. MCARDOW	5099778764	(509) 977-8764		
218757	2	WILLIAM V. MCARDOW	POB 158 HWY 153	CARLTON	WILLIAM V. MCARDOW	5099778764	(509) 977-8764		
218757	1	WILLIAM V. MCARDOW	POB 158 HWY 153	CARLTON	WILLIAM V. MCARDOW	5099778764	(509) 977-8764		
219767	2	CONCONULLY GENERAL STORE INC	201 SOUTH MAIN ST/ PO BOX 65	CONCONULLY	CONCONULLY GENERAL STORE INC	5098266141	(509) 826-6141		
219767	1	CONCONULLY GENERAL STORE INC	201 SOUTH MAIN ST/ PO BOX 65	CONCONULLY	CONCONULLY GENERAL STORE INC	5098266141	(509) 826-6141		
219767	1	CONCONULLY STATE PARK	PO BOX 95	CONCONULLY	WASH ST. PARKS & RECREATION COMMISS	5098262108	(206) 753-5755		
219767	1	HURVEY REESE	CORNOR LK & MAIN PO BOX 96	CONCONULLY	HURVEY REESE	5098262027	(509) 826-2027		
219767	2	HURVEY REESE	CORNOR LK & MAIN PO BOX 96	CONCONULLY	HURVEY REESE	5098262027	(509) 826-2027		
219767	3	HURVEY REESE	CORNOR LK & MAIN PO BOX 96	CONCONULLY	HURVEY REESE	5098262027	(509) 826-2027		
219767	2.	ELLISFORD GROCERY	32141 HWAY 97 NORTH	ELLISFORD-TONASKET	ELLISFORD GROCERY	5094862567	(509) 486-2567		
219767	1.	ELLISFORD GROCERY	32141 HWAY 97 NORTH	ELLISFORD-TONASKET	ELLISFORD GROCERY	5094862567	(509) 486-2567		
219767	1	KEN NEAL	190 EAST PALMER	LOOMIS	KEN NEAL	5092233185	(509) 223-4444		
219767	1	KEN NEAL	190 EAST PALMER	LOOMIS	KEN NEAL	5092233185	(509) 223-4444		
219767	2	KEN NEAL	190 EAST PALMER	LOOMIS	KEN NEAL	5092233185	(509) 223-4444		
219767	2	WA ST DEPARTMENT OF NATURAL RESO	NW1/4 TWP-38N R2E25E	LOOMIS	WASH. ST. DEPT. OF NATURAL RESOURCES	5096847474	(206) 459-6402		
219767	1	USCES		LOOMIS	WASH. ST. DEPT. OF NATURAL RESOURCES	5096847474	(206) 459-6402		
219767	3	THE MAZAMA COUNTRY STORE	ONE LOST RIVER ROAD	MAZAMA	THE MAZAMA COUNTRY STORE	5099962855	(509) 996-2855		
219767	1	THE MAZAMA COUNTRY STORE	ONE LOST RIVER ROAD	MAZAMA	THE MAZAMA COUNTRY STORE	5099962855	(509) 996-2855		
219767	2	THE MAZAMA COUNTRY STORE	ONE LOST RIVER ROAD	MAZAMA	THE MAZAMA COUNTRY STORE	5099962855	(509) 996-2855		
219767	3	FLYING J SERVICE	2042 ELN WAY	OKANOGAN	FLYING J INC	5099962855	(801) 734-9416		
219767	1	FLYING J SERVICE	2042 ELN WAY	OKANOGAN	FLYING J INC	5099962855	(801) 734-9416		
219767	4	FLYING J SERVICE	2042 ELN WAY	OKANOGAN	FLYING J INC	5099962855	(801) 734-9416		
219767	2	FLYING J SERVICE	2042 ELN WAY	OKANOGAN	FLYING J INC	5099962855	(801) 734-9416		
219767	5	LIFT STATION 1	SECOND AVENUE NORTH	OKANOGAN	CITY OF OKANOGAN	5094223600	(508) 422-3600		
219767	6	LIFT STATION 2	EASTSIDE	OKANOGAN	CITY OF OKANOGAN	5094223600	(508) 422-3600		
219767	1	OKANOGAN COUNTY DEPT. OF PUBLIC WORKS	269 RAILROAD AVENUE	OKANOGAN	OKANOGAN COUNTY DEPT OF PUBLIC WORKS	5094223591	(509) 422-3558		
219767	4	OKANOGAN COUNTY DEPT. OF PUBLIC WORKS	269 RAILROAD AVENUE	OKANOGAN	OKANOGAN COUNTY DEPT OF PUBLIC WORKS	5094223591	(509) 422-3558		

SITE NO	WORK ID	S NAME	S ADDR	S CITY	S PHONE	O NAME	O PHONE	O PHONE
485735	2	OKANOGAN COUNTY DEPT. OF PUBLIC WORKS	269 RAILROAD AVENUE	OKANOGAN	5894223591	OKANOGAN COUNTY DEPT OF PUBLIC WORKS	(589) 422-3358	
812232	66802011	OKANOGAN MAINTENANCE DIV. SITE	115 ROSE STREET	OKANOGAN	2865651623	WA ST DEPT OF TRANSPORTATION	(286) 753-6815	
812232	66804009	OKANOGAN MAINTENANCE DIV. SITE	115 ROSE STREET	OKANOGAN	2865651623	WA ST DEPT OF TRANSPORTATION	(286) 753-6815	
812232	66802012	OKANOGAN MAINTENANCE DIV. SITE	115 ROSE STREET	OKANOGAN	2865651623	WA ST DEPT OF TRANSPORTATION	(286) 753-6815	
886692	1	OKANOGAN FUD #1	1331 2ND N PO BOX 912	OKANOGAN	5894223310	OKANOGAN FUD #1	(589) 422-3310	
886692	2	OKANOGAN FUD #1	1331 2ND N PO BOX 912	OKANOGAN	5894223310	OKANOGAN FUD #1	(589) 422-3310	
818323	1	FEIES EXXON	285 SECOND NORTH	OKANOGAN	5894222952	VERLEN L PETERSON	(589) 826-6756	
818323	2	FEIES EXXON	285 SECOND NORTH	OKANOGAN	5894222952	VERLEN L PETERSON	(589) 826-6756	
818323	3	FEIES EXXON	285 SECOND NORTH	OKANOGAN	5894222952	VERLEN L PETERSON	(589) 826-6756	
818278	3	QUIK-E-MART	SECOND AND SPRUCE	OKANOGAN	5894222576	J AND J ENTERPRISES	(589) 689-2538	
818278	1	QUIK-E-MART	SECOND AND SPRUCE	OKANOGAN	5894222576	J AND J ENTERPRISES	(589) 689-2538	
818278	2	QUIK-E-MART	SECOND AND SPRUCE	OKANOGAN	5894222576	J AND J ENTERPRISES	(589) 689-2538	
812602	4	TREATMENT PLANT	1601 ISLAND	OKANOGAN	5894223600	CITY OF OKANOGAN	(589) 422-3600	
807615	241035	WASHINGTON STATE PATROL-OKANOGAN	TWO PATROL STREET	OKANOGAN	5894223421	WASHINGTON STATE PATROL	(286) 426-1661	
807615	241036	WASHINGTON STATE PATROL-OKANOGAN	TWO PATROL STREET	OKANOGAN	5894223421	WASHINGTON STATE PATROL	(286) 426-1661	
888300	1	BEST LITTLE MINI MKT IN OKAK	111 RIVERSIDE DRIVE	OKAK	5898264279	MART BRADSHAW - FARMERS OIL	(589) 996-3284	
888300	2	BEST LITTLE MINI MKT IN OKAK	111 RIVERSIDE DRIVE	OKAK	5898264279	MART BRADSHAW - FARMERS OIL	(589) 996-3284	
888300	3	BEST LITTLE MINI MKT IN OKAK	111 RIVERSIDE DRIVE	OKAK	5898264279	MART BRADSHAW - FARMERS OIL	(589) 996-3284	
858252	3-JCTA	CITY OF OKAK MUNICIPAL AIRPORT	AIRPORT ROAD	OKAK	5898261170	CITY OF OKAK	(589) 826-1170	
888252	2-AVGAS	CITY OF OKAK MUNICIPAL AIRPORT	AIRPORT ROAD	OKAK	5898261170	CITY OF OKAK	(589) 826-1170	
887966	1 STANDBY	OKAK CO 082223	16 W 3RD	OKAK	5832427234	U S WEST BUSINESS RESOURCES, INC	(286) 623-4858	
887743	4	OKAK GULL #611	607 OKOMA DRIVE	OKAK	5898268302	GULL INDUSTRIES INC	(286) 624-5900	
887743	1	OKAK GULL #611	607 OKOMA DRIVE	OKAK	5898268302	GULL INDUSTRIES INC	(286) 624-5900	
887743	2	OKAK GULL #511	607 OKOMA DRIVE	OKAK	5898268302	GULL INDUSTRIES INC	(286) 624-5900	
887948	1AUTO	OKAK SOC 070006	641 OKAMA DR	OKAK	5832427234	U S WEST BUSINESS RESOURCES, INC	(286) 623-4858	
888302	4	FARMERS MINI MARKET-OKACHE MALL	600 OKACHE DRIVE	OKAK	5898264516	MART BRADSHAW - FARMERS OIL	(589) 996-3284	
888302	3	FARMERS MINI MARKET-OKACHE MALL	600 OKACHE DRIVE	OKAK	5898264516	MART BRADSHAW - FARMERS OIL	(589) 996-3284	
888302	2	FARMERS MINI MARKET-OKACHE MALL	600 OKACHE DRIVE	OKAK	5898264516	MART BRADSHAW - FARMERS OIL	(589) 996-3284	
888302	1	FARMERS MINI MARKET-OKACHE MALL	600 OKACHE DRIVE	OKAK	5898264516	MART BRADSHAW - FARMERS OIL	(589) 996-3284	
888302	2 (NORTH)	AGRO MINERALS INC.	E2 SE SS 138 R27	OKOVILLE	5898264516	AGRO MINERALS INC	(589) 476-3515	
888302	1 (SOUTH)	AGRO MINERALS INC.	E2 SE SS 138 R27	OKOVILLE	5898264516	AGRO MINERALS INC	(589) 476-3515	
888302	2R	EISEN'S CHEVRON & MINI MART	1501 MAIN STREET	OKOVILLE	5894762354	EISEN'S CHEVRON & MINI MART	(589) 476-2354	
888302	4R	EISEN'S CHEVRON & MINI MART	1501 MAIN STREET	OKOVILLE	5894762354	EISEN'S CHEVRON & MINI MART	(589) 476-2354	
888302	3K	EISEN'S CHEVRON & MINI MART	1501 MAIN STREET	OKOVILLE	5894762354	EISEN'S CHEVRON & MINI MART	(589) 476-2354	
888302	1R	EISEN'S CHEVRON & MINI MART	1501 MAIN STREET	OKOVILLE	5894762354	EISEN'S CHEVRON & MINI MART	(589) 476-2354	
888302	S-8	GILBERT MOSER	1714 MAIN	OKOVILLE	5894762252	GILBERT MOSER	(589) 476-2252	
888302	S-7	GILBERT MOSER	1714 MAIN	OKOVILLE	5894762252	GILBERT MOSER	(589) 476-2252	
888302	S-6	GILBERT MOSER	1714 MAIN	OKOVILLE	5894762252	GILBERT MOSER	(589) 476-2252	
888302	S-5	GILBERT MOSER	1714 MAIN	OKOVILLE	5894762252	GILBERT MOSER	(589) 476-2252	
888302	739	JACKFOT 081	1518 MAIN STREET	OKOVILLE	5894762366	TIME OIL CO.	(286) 285-2400	

LINE NO	TANK ID	NAME	ADDRESS	CITY	STATE	ZIP	PHONE
284100	168	JACKPOT 001	1518 MAIN STREET	OKROVILLE	GA	30057	(206) 285-2400
284100	167	JACKPOT 001	1518 MAIN STREET	OKROVILLE	GA	30057	(206) 285-2400
285737	3	OKANOGAN COUNTY DEPT. OF PUBLIC WORKS	508 APPLE WAY	OKROVILLE	GA	30057	(509) 422-3350
285737	1	OKANOGAN COUNTY DEPT. OF PUBLIC WORKS	508 APPLE WAY	OKROVILLE	GA	30057	(509) 422-3350
285691	2	OKROVILLE	HWY 7	OKROVILLE	GA	30057	(509) 422-3310
285691	1	OKROVILLE	HWY 7	OKROVILLE	GA	30057	(509) 422-3310
285307	#1	OSOYDOS LK STAT PARK	RT11 BOX102R	OKROVILLE	GA	30057	(206) 753-5755
286983	UL528537	F&D MINI MART	BOX 124, RT 1, MILE POST 336	OKROVILLE	GA	30057	(509) 476-2660
286983	UL528536	F&D MINI MART	BOX 124, RT 1, MILE POST 336	OKROVILLE	GA	30057	(509) 476-2660
286983	UL528533	F&D MINI MART	BOX 124, RT 1, MILE POST 336	OKROVILLE	GA	30057	(509) 476-2660
286983	UL528530	F&D MINI MART	BOX 124, RT 1, MILE POST 336	OKROVILLE	GA	30057	(509) 476-2660
286994	4	PAKONERS MINI MARKET-OKROVILLE	5208 JUNIPER AVENUE	OKROVILLE	GA	30057	(509) 996-3204
286994	2	PAKONERS MINI MARKET-OKROVILLE	5208 JUNIPER AVENUE	OKROVILLE	GA	30057	(509) 996-3204
286994	3	PAKONERS MINI MARKET-OKROVILLE	5208 JUNIPER AVENUE	OKROVILLE	GA	30057	(509) 996-3204
286994	1	PAKONERS MINI MARKET-OKROVILLE	5208 JUNIPER AVENUE	OKROVILLE	GA	30057	(509) 996-3204
286994	1	ALTA LAKE STATE PARK	STAR ROUTE BOX 40	PATEROS	GA	30057	(206) 753-5755
286994	4R	PATEROS TRADING COMPANY INC	245 LAKESHORE DRIVE / PO BOX 147	PATEROS	GA	30057	(509) 923-2200
286994	3R	PATEROS TRADING COMPANY INC	245 LAKESHORE DRIVE / PO BOX 147	PATEROS	GA	30057	(509) 923-2200
286994	2R	PATEROS TRADING COMPANY INC	245 LAKESHORE DRIVE / PO BOX 147	PATEROS	GA	30057	(509) 923-2200
286994	1R	PATEROS TRADING COMPANY INC	245 LAKESHORE DRIVE / PO BOX 147	PATEROS	GA	30057	(509) 923-2200
286994	1	RENEAS VALLEY GENERAL STORE	1165 RENEAS VALLEY ROAD	TONASKET	GA	30057	(509) 486-4515
286994	2	RONAPARTE LAKE RESORT	695 RONAPARTE LAKE ROAD	TONASKET	GA	30057	(509) 486-2028
286994	1	RONAPARTE LAKE RESORT	695 RONAPARTE LAKE ROAD	TONASKET	GA	30057	(509) 486-2028
286994	3	OKANOGAN COUNTY DEPT OF PUBLIC WORKS	32 TONASKET SHOP ROAD	TONASKET	GA	30057	(509) 422-3350
286994	1	OKANOGAN COUNTY DEPT OF PUBLIC WORKS	32 TONASKET SHOP ROAD	TONASKET	GA	30057	(509) 422-3350
286994	2	TONASKET GULL #613	BOX 13 HWY 97	TONASKET	GA	30057	(206) 624-5900
286994	4	TONASKET GULL #613	BOX 13 HWY 97	TONASKET	GA	30057	(206) 624-5900
286994	6	TONASKET GULL #613	BOX 13 HWY 97	TONASKET	GA	30057	(206) 624-5900
286994	841020	WASHINGTON STATE PATROL-TUNK	LOT 48 32 44, LONG 119 14 00	TUNK	GA	30057	(206) 426-1661
286994	2	GEORGE MINERICH-TWISP PAINT & GLASS	900 E MELTHAM VAL HWY PO BOX898	TWISP	GA	30057	(509) 997-8782
286994	1	GEORGE MINERICH-TWISP PAINT & GLASS	900 E MELTHAM VAL HWY PO BOX898	TWISP	GA	30057	(509) 997-8782
286994	2	HANK MINI MARKET	E 412 HWY 20	TWISP	GA	30057	(509) 997-4332
286994	1	HANK MINI MARKET	E 412 HWY 20	TWISP	GA	30057	(509) 997-4332
286994	1	HANK MINI MARKET	E 412 HWY 20	TWISP	GA	30057	(509) 997-4332
286994	1	LLOYD LOGGING, INC	HIGHWAY 20 PO BOX 218	TWISP	GA	30057	(509) 997-2441
286994	3	LLOYD LOGGING, INC	HIGHWAY 20 PO BOX 218	TWISP	GA	30057	(509) 997-2441



LEAKING UNDERGROUND STORAGE TANK SITE LIST  
July 16, 1992

*Okanogan County*

INCIDENT NUMBER... 3380  
SITE NAME... JOHNNY APPLEBY OF WASHINGTON  
ADDRESS... B & O ROAD PO BOX 21  
CITY... MALOTT  
ZIP+4... 98829  
ALTERNATE NAME...  
UST SITE NUMBER... 101170  
SUSPECTED RELEASE... 06-07-1991  
CLEANUP INITIATED... OWNER/OPERATOR

INCIDENT NUMBER... 3336  
SITE NAME... NORTH CENTRAL PETROLEUM INC.  
ADDRESS... 30 S MAIN ST  
CITY... OMAK  
ZIP+4... 98841  
ALTERNATE NAME... CHEVRON 0442  
UST SITE NUMBER... 005053  
SUSPECTED RELEASE... 07-26-1990  
CLEANUP INITIATED... OWNER/OPERATOR

INCIDENT NUMBER... 1020  
SITE NAME... OMAK WOOD PRODUCTS  
ADDRESS... RT 2 BOX 54  
CITY... OMAK  
ZIP+4... 988419609  
ALTERNATE NAME...  
UST SITE NUMBER... 000075  
SUSPECTED RELEASE... 03-28-1989  
CLEANUP INITIATED... OWNER/OPERATOR

INCIDENT NUMBER... 1027  
SITE NAME... PACIFIC COCA-COLA BOTTLING COMPANY  
ADDRESS... 123 NORTH MAIN STREET  
CITY... OMAK  
ZIP+4... 98841  
ALTERNATE NAME...  
UST SITE NUMBER... 005025  
SUSPECTED RELEASE... 07-17-1989  
CLEANUP INITIATED... OWNER/OPERATOR

INCIDENT NUMBER... 3452  
SITE NAME... UNOCAL 0855  
ADDRESS... 129 N MAIN (AT BARTLETT AVE)  
CITY... OMAK  
ZIP+4... 98841  
ALTERNATE NAME...  
UST SITE NUMBER... L00577  
SUSPECTED RELEASE... 07-06-1988  
CLEANUP INITIATED... OWNER/OPERATOR

INCIDENT NUMBER... 3459  
SITE NAME... OR PACCOFF/PACIFIC FRUIT  
ADDRESS... COLUMBIA ST RTWN 2ND & 3RD  
CITY... OMAK  
ZIP+4... 98841  
ALTERNATE NAME... APPLE PROCESSING/COLD STORAGE  
UST SITE NUMBER... L00584  
SUSPECTED RELEASE... 04-30-1990  
CLEANUP INITIATED... OWNER/OPERATOR

INCIDENT NUMBER... 1007  
SITE NAME... EISEN'S CHEVRON & MINI MART  
ADDRESS... 1501 MAIN STREET  
CITY... OROVILLE  
ZIP+4... 988441658  
ALTERNATE NAME... PAUL EISEN CHEVRON  
UST SITE NUMBER... 012601  
SUSPECTED RELEASE... 01-20-1999  
CLEANUP INITIATED... OWNER/OPERATOR

INCIDENT NUMBER... 1882  
SITE NAME... JOHN TRAMMER/UNION OIL CO.  
ADDRESS... 615 11TH ST/P O BOX 276  
CITY... OROVILLE  
ZIP+4... 988440276  
ALTERNATE NAME...  
UST SITE NUMBER... 000284  
SUSPECTED RELEASE...  
CLEANUP INITIATED... N/A

INCIDENT NUMBER... 1076  
SITE NAME... ORO FRUIT CO.  
ADDRESS... 224 APPLEWAY AVE PO BOX T  
CITY... OROVILLE  
ZIP+4... 988440560  
ALTERNATE NAME...  
UST SITE NUMBER... 010537  
SUSPECTED RELEASE... 05-10-1990  
CLEANUP INITIATED... N/A

## **APPENDIX III**

### **CLEAN SHEET AND BILL OF SALE**

# HYDROCARBON SPECIALTY CONTRACTORS INC.

("HSCI")

Pete Buster, President

South 124 Howe

Spokane, Wa 99212

(509) 534-5604

fax #1 (509) 535-6177


HSCI personnel inerted, opened, and cleaned —

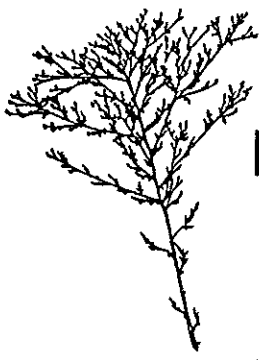
1-6000, 1-1000, 1-750 VST AT.

LOOMIS CHEVRON, 190 E. PALMAN, LOOMIS, W.N.

We do assure the decommissioner and site assessor that the tanks were inerted and cleaned, and the petroleum waste product liquid and sludge were handled according to Washington State Department of Ecology's and Labor and Industry's regulations for petroleum tank closures.

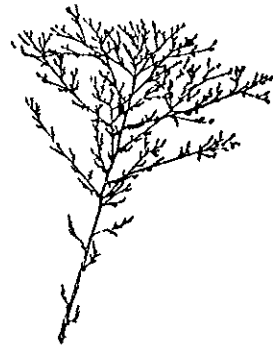
HSCI certifies that the tanks were left properly cleaned & inerted, and HSCI's representative signs below showing his agreement with the above statements.

 4/19/93  
(signing representative of HSCI) (date signed)



# LOOMIS AG. SERVICE

P.O. BOX 114  
LOOMIS, WASHINGTON 98827  
(509) 223-4388



March 23, 1993

In receipt of:

1 - 750 gallon tank

1 - 1000 gallon tank

1 - 6000 gallon tank

for scrap iron.

Quane D. Lubin

**APPENDIX IV**

**LABORATORY**  
**REPORT**

# Anatek Labs

1917 S. Main Moscow, ID 83843

(208) 883-BTEX (2839)

FAX: (208) 882-9246

March 29, 1993

**Blue Ridge Associates, Inc.**

N. 9 Post, Suite # 250

Spokane, WA 99201

Attn: Iain Olness

Items: Results of analysis for samples received 3/25/93. Sample Log-in number is 761.

Date Sampled: 3/23/93

Report # 93-0329-BRA

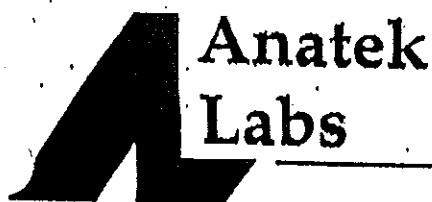
Gasoline by WA-TPH-G (EPA 8015 Modified)

Diesel by WA-TPH-D (EPA 8015 Modified)

BTEX by EPA 8020

Total Lead by EPA 7420

Sample Name	Matrix	Analysis Date	Analyte	Concentration
L750-IAO-1	Soil	3/26/93	Diesel	< 25 mg/Kg
L750-IAO-2	Soil	3/26/93	Diesel	< 25 mg/Kg
L750-IAO-3	Soil	3/26/93	Diesel	< 25 mg/Kg
L750-IAO-4	Soil	3/26/93	Diesel	< 25 mg/Kg
LIK-IAO-1	Soil	3/26/93	Gasoline	< 1.0 mg/Kg
			Benzene	< 0.001 mg/Kg
			Toluene	< 0.005 mg/Kg
			Ethylbenzene	< 0.005 mg/Kg
			Xylene	< 0.015 mg/Kg
			Lead	1.1 mg/Kg
LIK-IAO-2	Soil	3/26/93	Gasoline	5250 mg/Kg
			Benzene	1.6 mg/Kg
			Toluene	46.3 mg/Kg
			Ethylbenzene	2.9 mg/Kg
			Xylene	148 mg/Kg
			Lead	73 mg/Kg
				100 103 7 OK 9 OK
LIK-IAO-3	Soil	3/26/93	Gasoline	3840 mg/Kg
			Benzene	66.3 mg/Kg
			Toluene	339 mg/Kg
			Ethylbenzene	99.5 mg/Kg
			Xylene	479 mg/Kg
			Lead	62 mg/Kg
				100 103 7 6 9 OK



1917 S. Main Moscow, ID 83843

(208) 883-BTEX (2839)

FAX: (208) 882-9246

93-0329-BRA Page 2

Sample Name	Matrix	Analysis Date	Analyte	Concentration
L1K-IAO-4	Soil	3/26/93	Gasoline	< 1.0 mg/Kg
			Benzene	< 0.001 mg/Kg
			Toluene	< 0.005 mg/Kg
			Ethylbenzene	< 0.005 mg/Kg
			Xylene	< 0.015 mg/Kg
			Lead	6.0 mg/Kg
L6K-IAO-1	Soil	3/26/93	Gasoline	< 1.0 mg/Kg
			Benzene	< 0.001 mg/Kg
			Toluene	< 0.005 mg/Kg
			Ethylbenzene	< 0.005 mg/Kg
			Xylene	< 0.015 mg/Kg
L6K-IAO-2	Soil	3/26/93	Gasoline	7850 mg/Kg
			Benzene	43.6 mg/Kg
			Toluene	316 mg/Kg
			Ethylbenzene	95.4 mg/Kg
			Xylene	544 mg/Kg
L6K-IAO-3	Soil	3/26/93	Gasoline	2120 mg/Kg
			Benzene	1.03 mg/Kg
			Toluene	149 mg/Kg
			Ethylbenzene	5.10 mg/Kg
			Xylene	76.1 mg/Kg
L6K-IAO-4	Soil	3/26/93	Gasoline	112 mg/Kg
			Benzene	0.040 mg/Kg
			Toluene	1.22 mg/Kg
			Ethylbenzene	0.203 mg/Kg
			Xylene	1.54 mg/Kg

100  
03  
7  
6  
9 UNLEAD

100  
03  
7  
OK  
9 UNLEAD

100  
03  
OK  
OK  
OK DUA?

UNLEAD

Mike Pearson  
Laboratory Director



## **APPENDIX V**

### **PERMANENT CLOSURE AND SITE CHECK/SITE ASSESSMENT FORMS**



# UNDERGROUND STORAGE TANK

## Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a Licensed Decommissioning Supervisor. The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section  
Department of Ecology  
Mail Stop PV-11  
Olympia, WA 98504-8711

### 1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: Bob Garrett

Owners Address: \_\_\_\_\_  
Street \_\_\_\_\_ P.O. Box \_\_\_\_\_  
Loomis WA  
City State ZIP-Code \_\_\_\_\_

Telephone: (509) 223-4444

Site ID Number (on invoice or available from Ecology if tank is registered): 00651

Site/Business Name: Loomis Chevron

Site Address: 190 East Palmer  
Street \_\_\_\_\_ County \_\_\_\_\_  
Loomis WA  
City State ZIP-Code \_\_\_\_\_

### 2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: Blue Ridge Associates, Inc. License Number: 5001534

Address: North 9 Post Suite 250  
Street \_\_\_\_\_ P.O. Box \_\_\_\_\_  
Spokane WA 99201  
City State ZIP-Code \_\_\_\_\_

Telephone: (509) 838-8120

Licensed Supervisor: Iarn Olness Decommissioning License Number: W002062



# UNDERGROUND STORAGE TANK

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Department of Ecology  
Mail Stop PV-11  
Olympia, WA 98504-8711

### 1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: Bob Garrett

Owners Address:

Street

P.O. Box

Loomis

WA

City

State

ZIP-Code

Telephone: (509) 223-4444

Site ID Number (on invoice or available from Ecology if tank is registered): 00651

Site/Business Name: Loomis Chevron

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190 East Palmer

Street

County

Loomis

WA

City

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ZIP-Code

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Underground Storage Tank Section  
Department of Ecology  
Mail Stop PV-11  
Olympia, WA 98504-8711

## 1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: Bob Garrett

Owners Address:

Street

Loomis

City

WA

State

P.O. Box

ZIP-Code

Telephone: (509) 223-4444

Site ID Number (on invoice or available from Ecology if tank is registered): 00651

Site/Business Name: Loomis Chevron

Site Address:

190 East Palmer

Street

Loomis

City

WA

State

County

ZIP-Code

## 2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm:

Blue Ridge Associates, Inc.

License Number: 5001534

Address:

North 9 Post Suite 250

Street

Spokane

City

WA

State

P.O. Box

99201

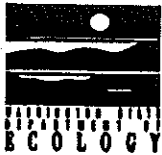
ZIP-Code

Telephone: (509) 838-8120

Licensed Supervisor: Iain O'Iness

Decommissioning  
License Number:

W002062



# UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

For Office Use Only

Owner # \_\_\_\_\_

Site # \_\_\_\_\_

## INSTRUCTIONS:

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person registered with Ecology. The results of the site check or site assessment must be included with this checklist. This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

**SITE INFORMATION:** Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

**TANK INFORMATION:** Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

**REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT:** Please check the appropriate item.

**CHECKLIST:** Please initial each item in the appropriate box.

**SITE ASSESSOR INFORMATION:** This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section  
Department of Ecology  
P. O. Box 47655  
Olympia, WA 98504-7655

## SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): 00651

Site/Business Name: Chevron

Site Address: 190 East Palmer Telephone: (509) 223-4444  
Street  
Loomis WA  
City State ZIP-Code

## TANK INFORMATION

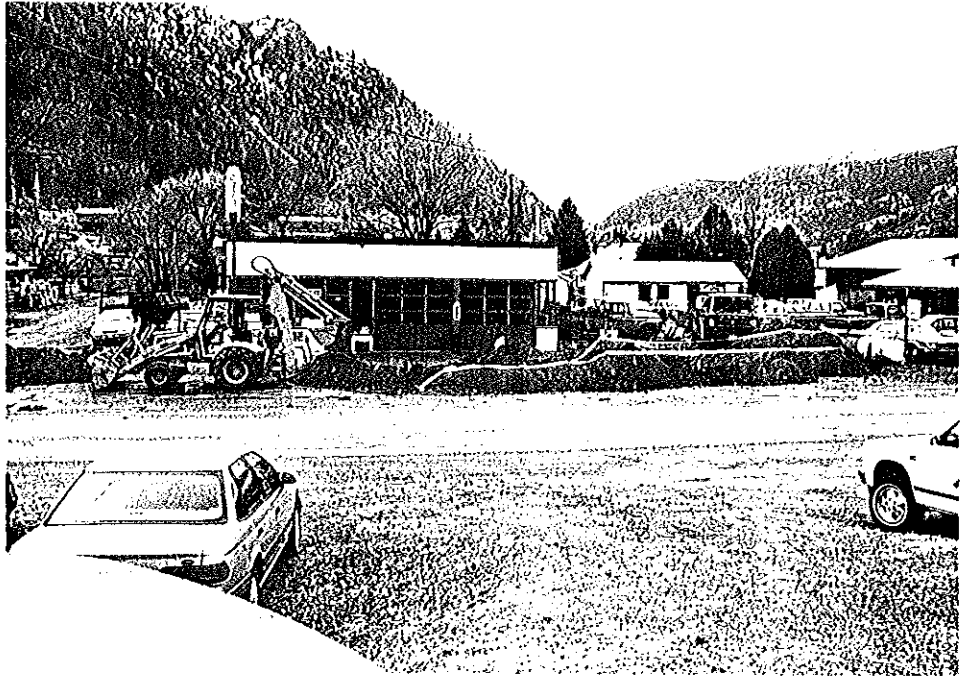
Tank ID No.	Tank Capacity	Substance Stored
<u>1</u>	<u>750 gallons</u>	<u>Diesel</u>
<u>2</u>	<u>1,000 gallons</u>	<u>Leaded Gasoline</u>
<u>3</u>	<u>6,000 gallons</u>	<u>Unleaded Gasoline</u>

## REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

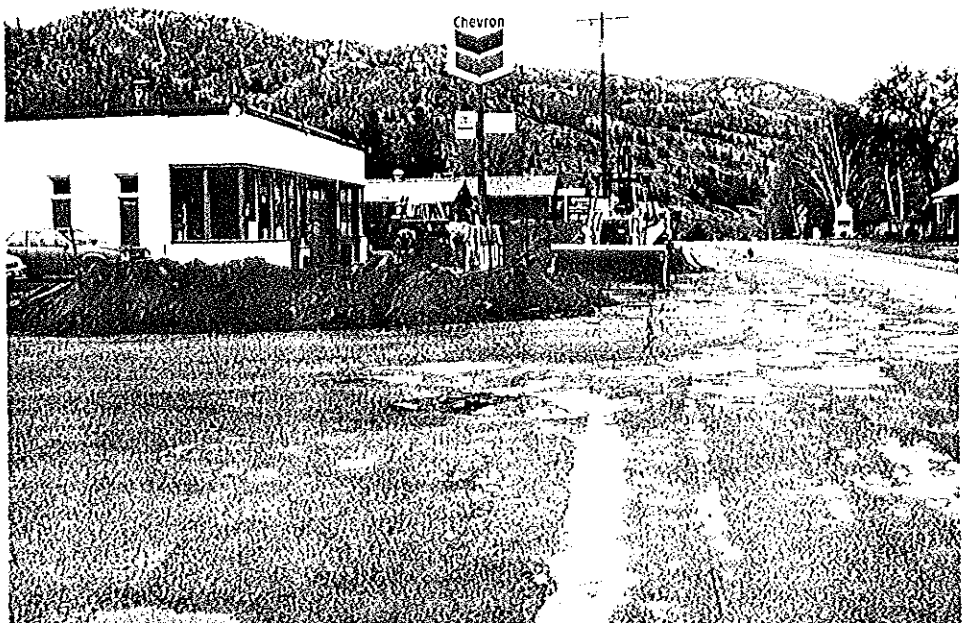
- ☐ Investigate suspected release due to on-site environmental contamination
- ☐ Investigate suspected release due to off-site environmental contamination.
- ☐ Extend temporary closure of UST system for more than 12 months.
- ☒ UST system undergoing change-in-service.
- ☐ UST system permanently closed-in-place.
- ☐ UST system permanently closed with tank removed.
- ☐ Abandoned tank containing product.
- ☐ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ☐ Other (describe): \_\_\_\_\_

# PHOTOGRAPHS



**Photograph 1.**

View of the Loomis Chevron site, looking south.



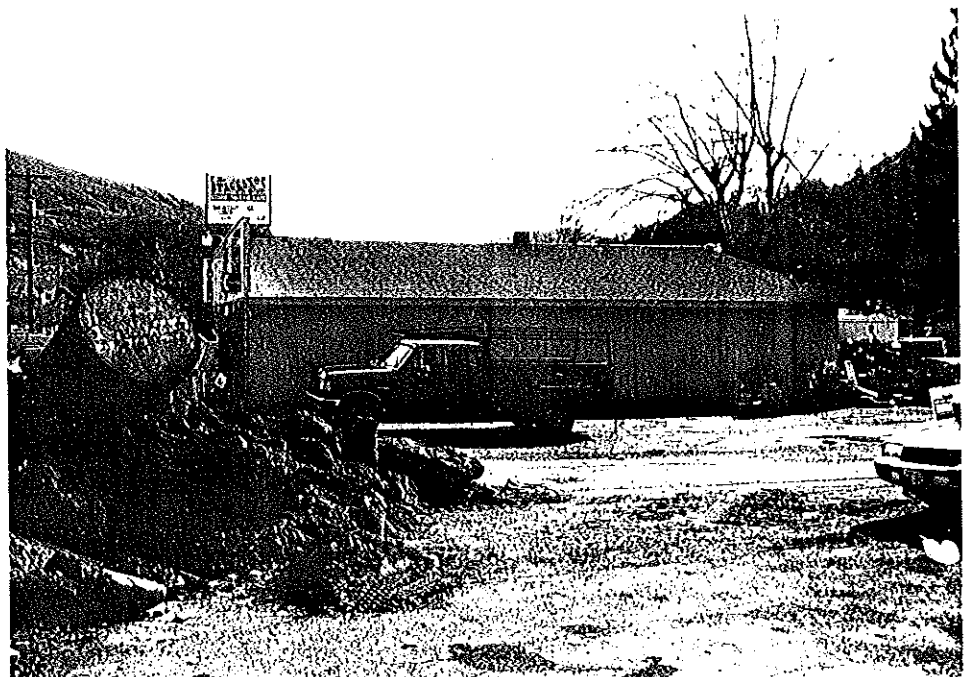
**Photograph 2.**

View of the Loomis Chevron site, looking west.



**Photograph 3.**

View of residential property located northeast of the station, looking northeast.



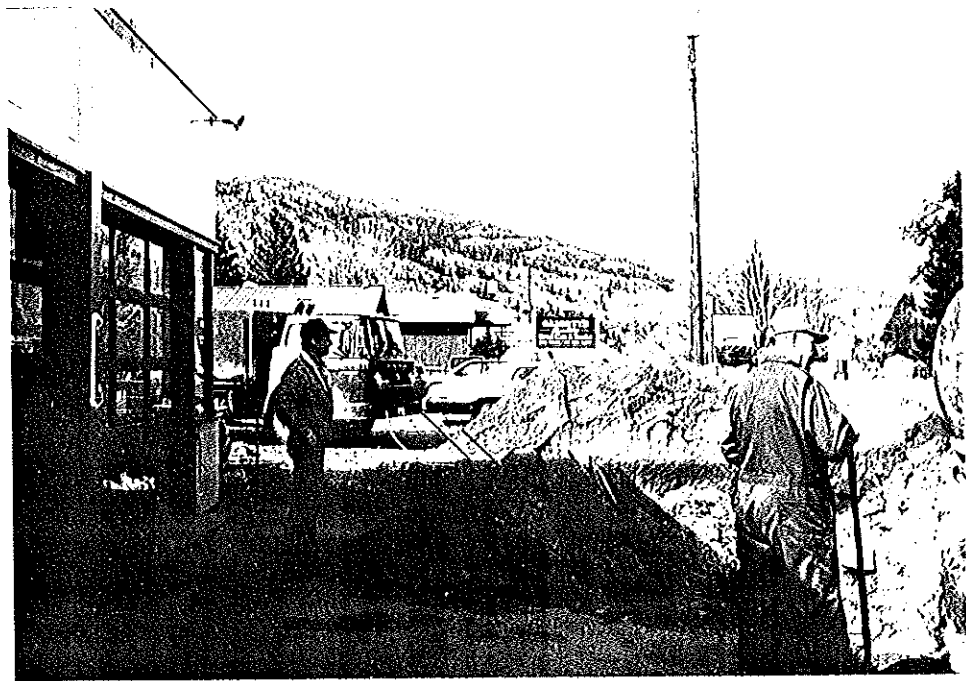
**Photograph 4.**

View of the Stageshop Store-Tavern-Cafe located east of the station, looking east.



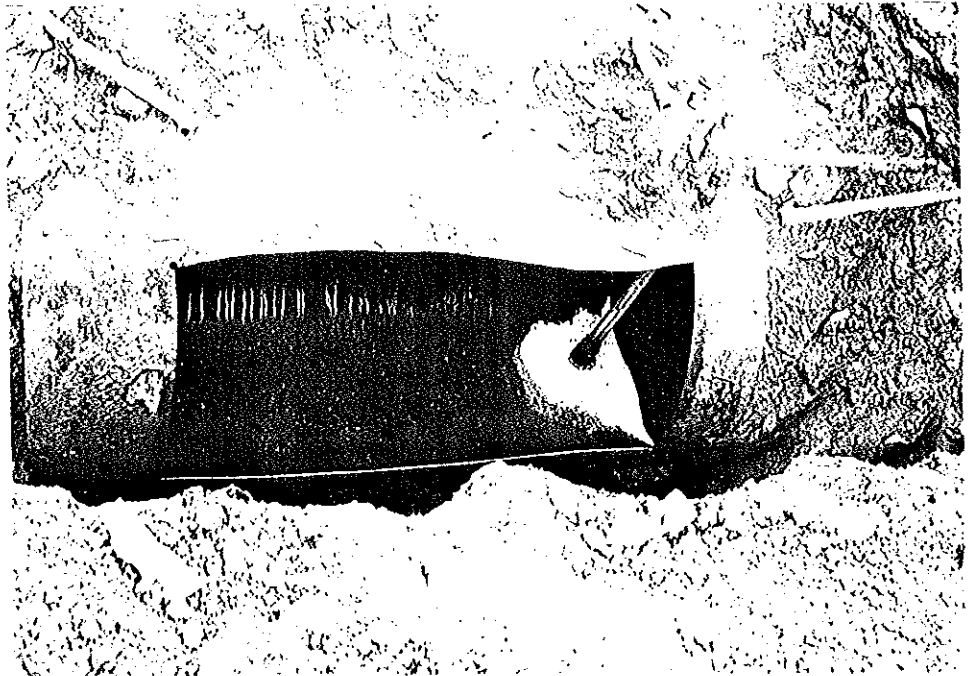
**Photograph 5.**

Vacant lot located south of the station, looking south.



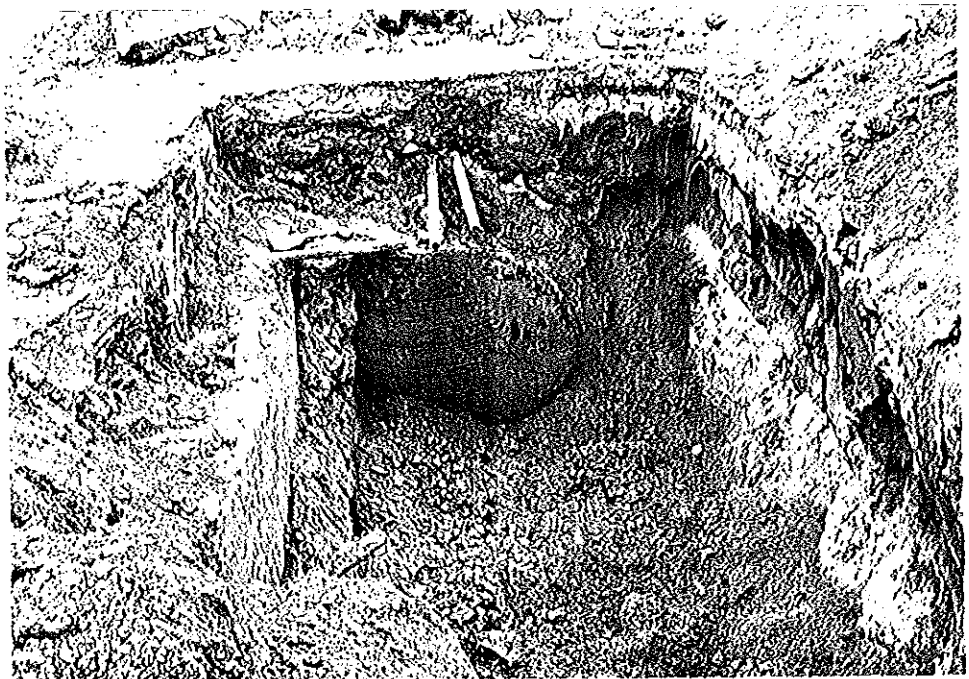
**Photograph 6.**

Garrett's Quality Used Cars located west of the station, looking west.



**Photograph 7.**

View of the cleaned 750 gallon diesel UST, looking west.



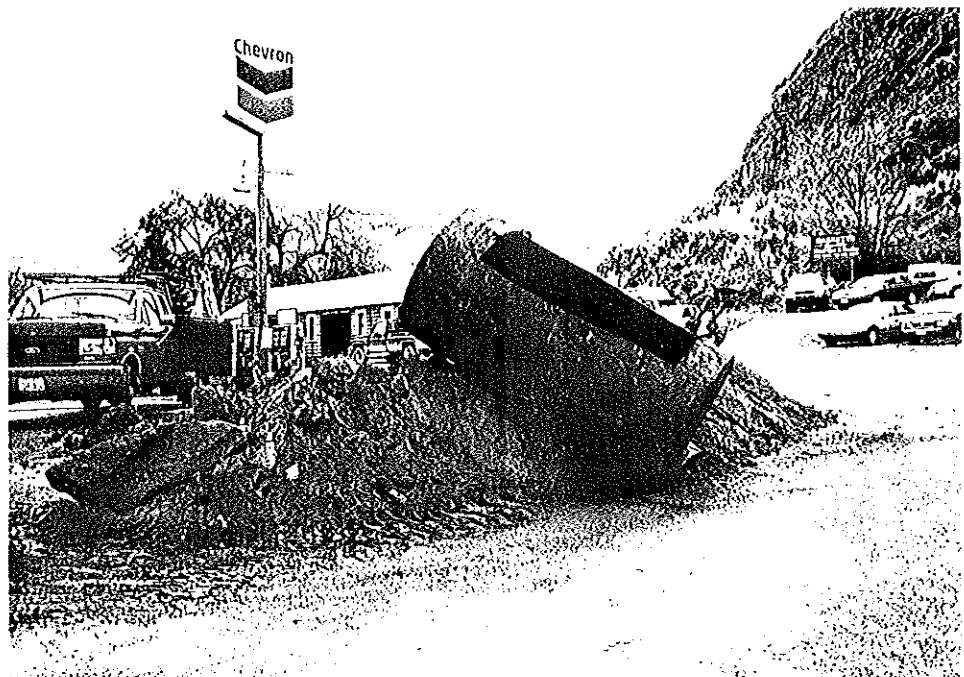
**Photograph 8.**

View of the excavated pit which contained the 750 gallon diesel UST, looking north.



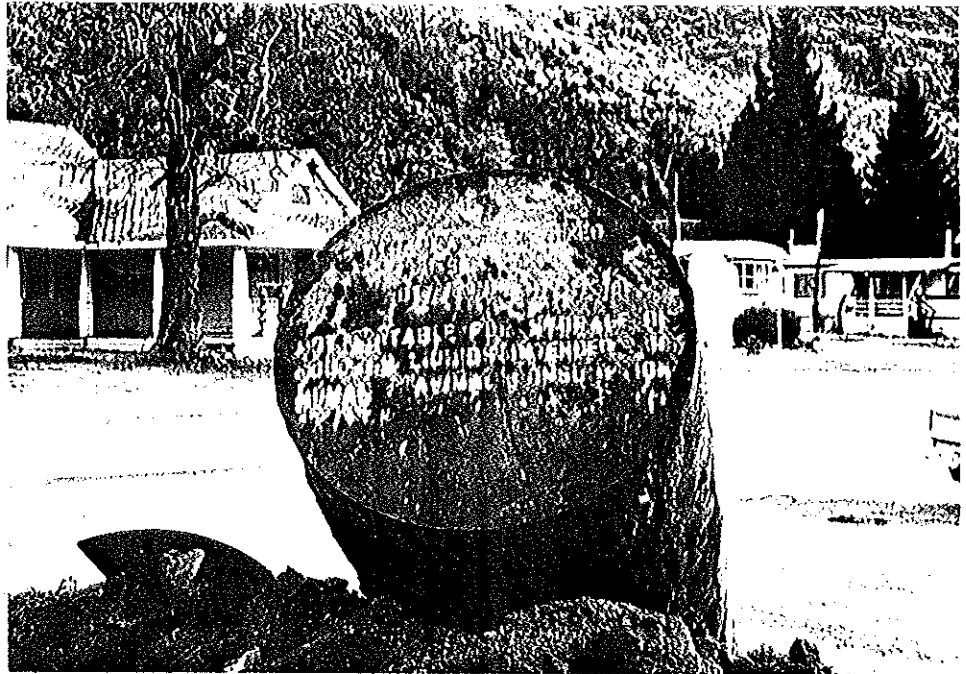
**Photograph 9.**

View of the excavated pit which contained the 750 gallon diesel UST, looking north. Note the sample location in the endwall of the pit.



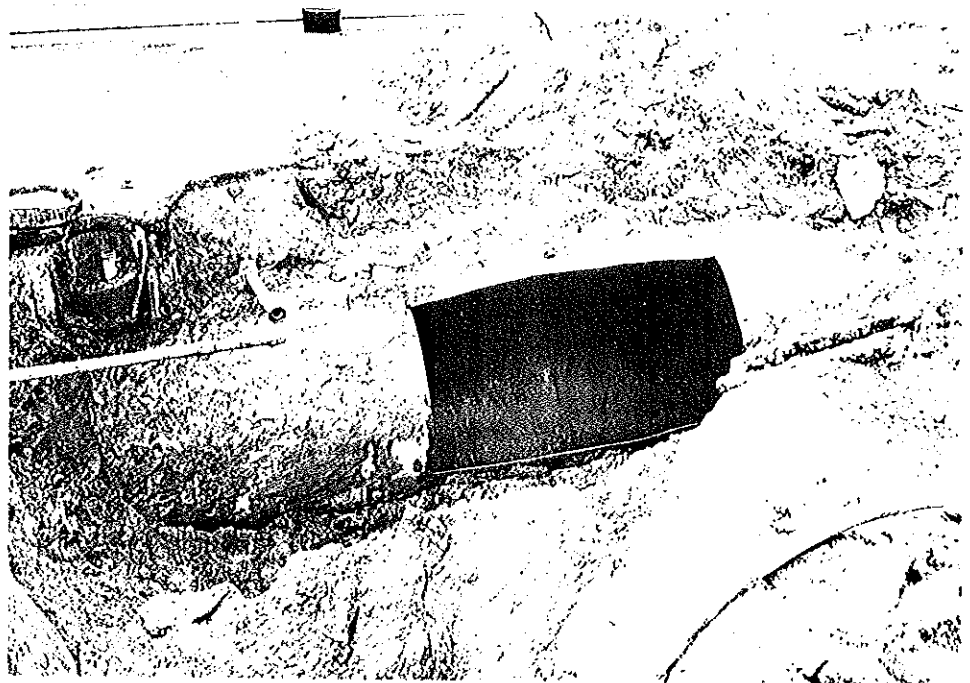
**Photograph 10.**

The 750 gallon diesel UST after removal from the pit.



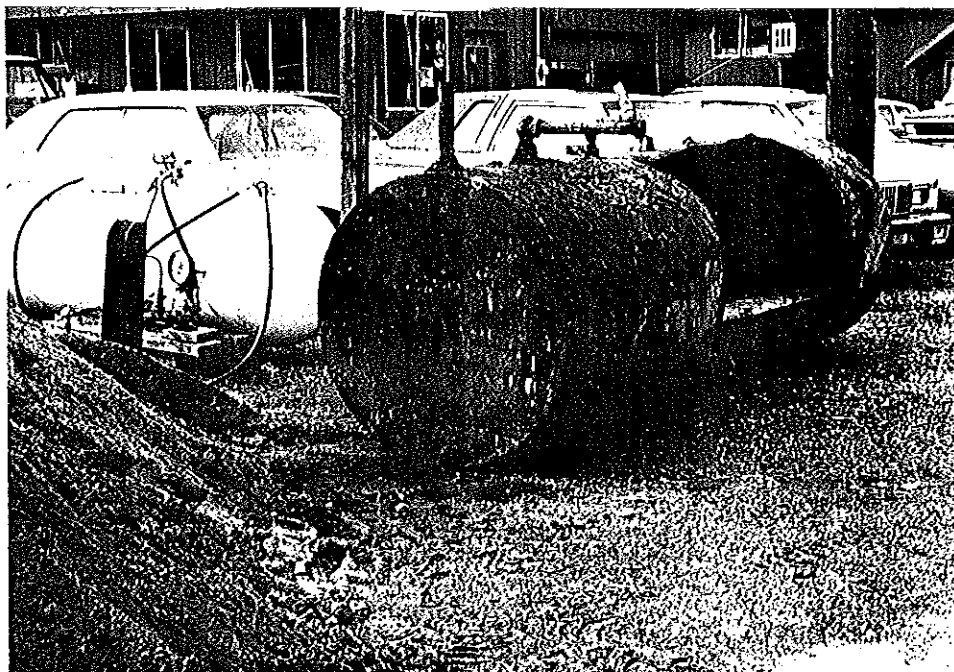
**Photograph 11.**

The 750 gallon diesel UST showing markings indicating it is unsafe for storage of human or animal consumables.



**Photograph 12.**

View of the cleaned 1,000 gallon leaded gasoline UST, looking south.



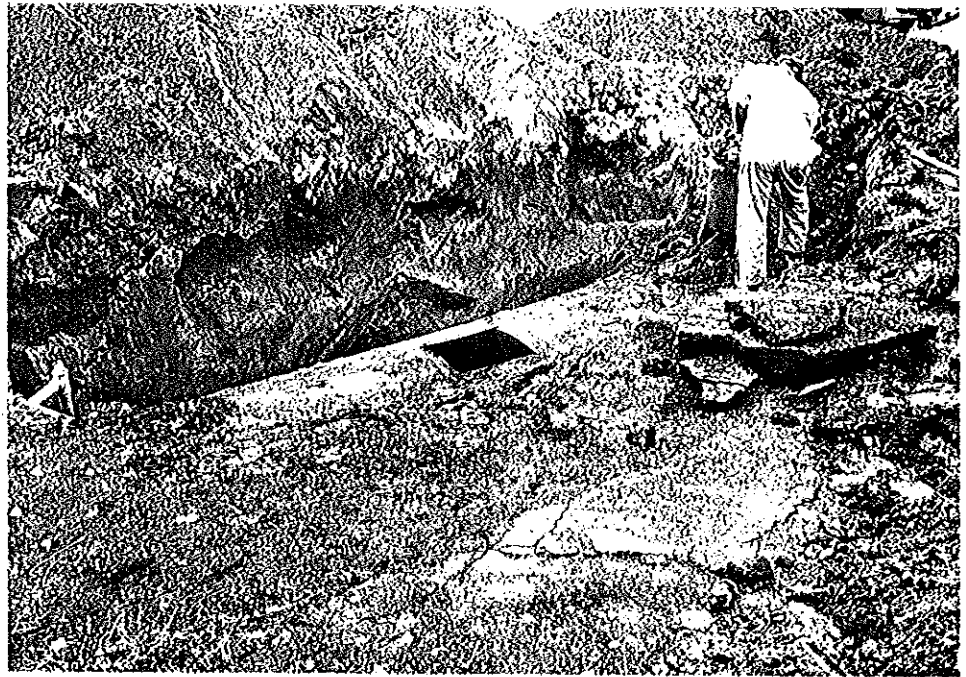
**Photograph 13.**

The 1,000 gallon leaded gasoline UST after removal from the pit. Note the markings indicating it is unsafe for storage of human or animal consumables.



**Photograph 14.**

View of the excavated pit which contained the 1,000 gallon leaded gasoline UST, looking north. Note hole in back of pit leading to the water main.



**Photograph 15.**

View of the cleaned 6,000 gallon unleaded gasoline UST, looking northwest.



**Photograph 16.**

Excavating the cleaned 6,000 gallon unleaded gasoline UST, looking north.



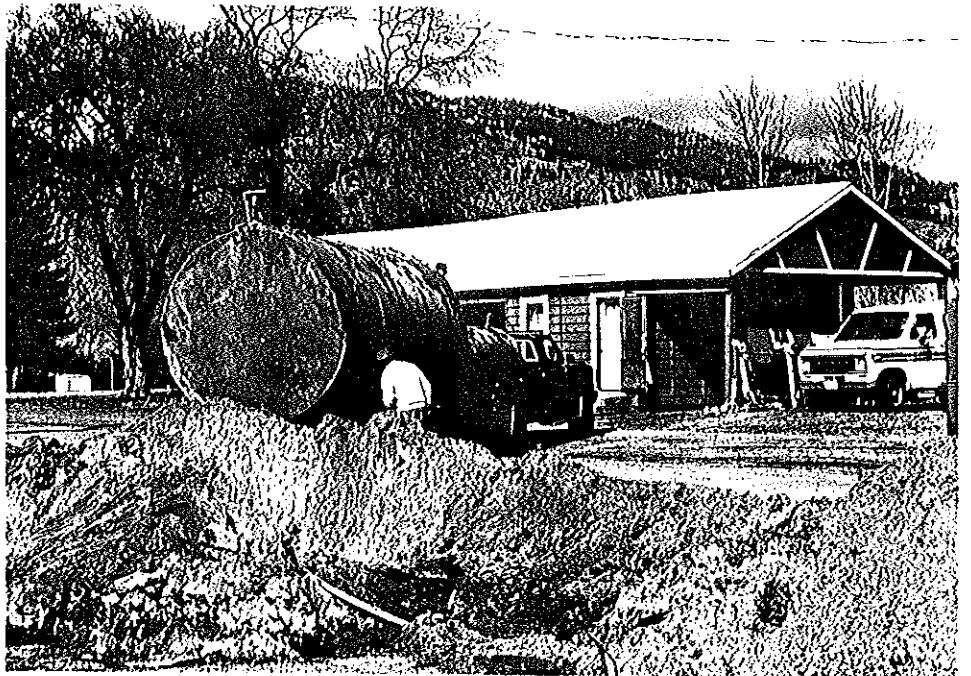
**Photograph 17.**

The 6,000 gallon unleaded gasoline UST after removal from the pit, looking northwest.



**Photograph 18.**

View of the excavated pit which contained the 6,000 gallon unleaded gasoline UST, looking north.



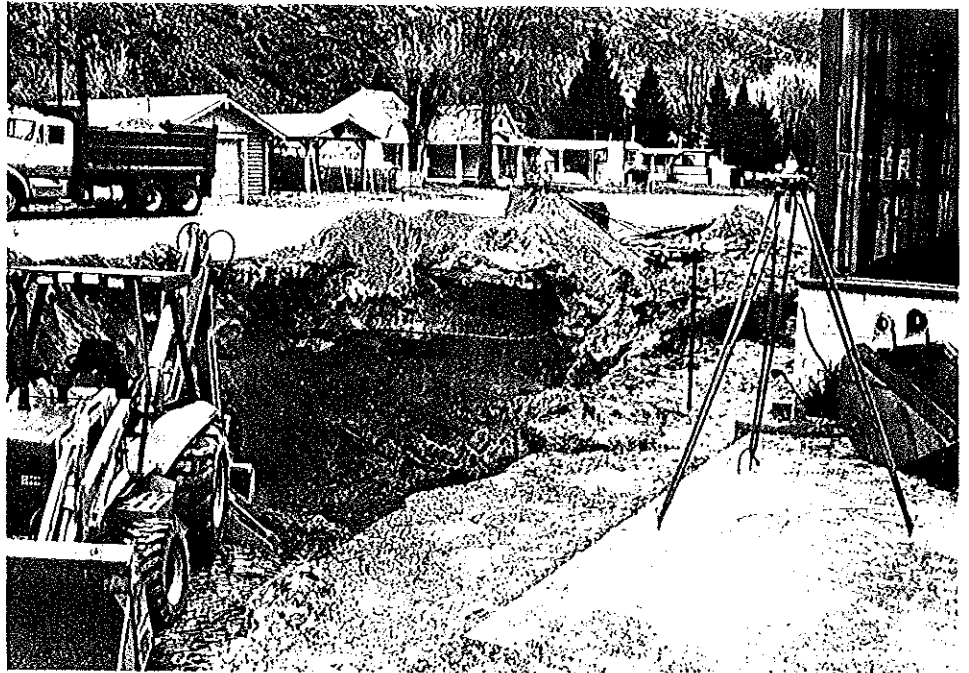
**Photograph 19.**

Loading the 6,000 gallon unleaded gasoline UST and the 750 gallon diesel UST for removal.



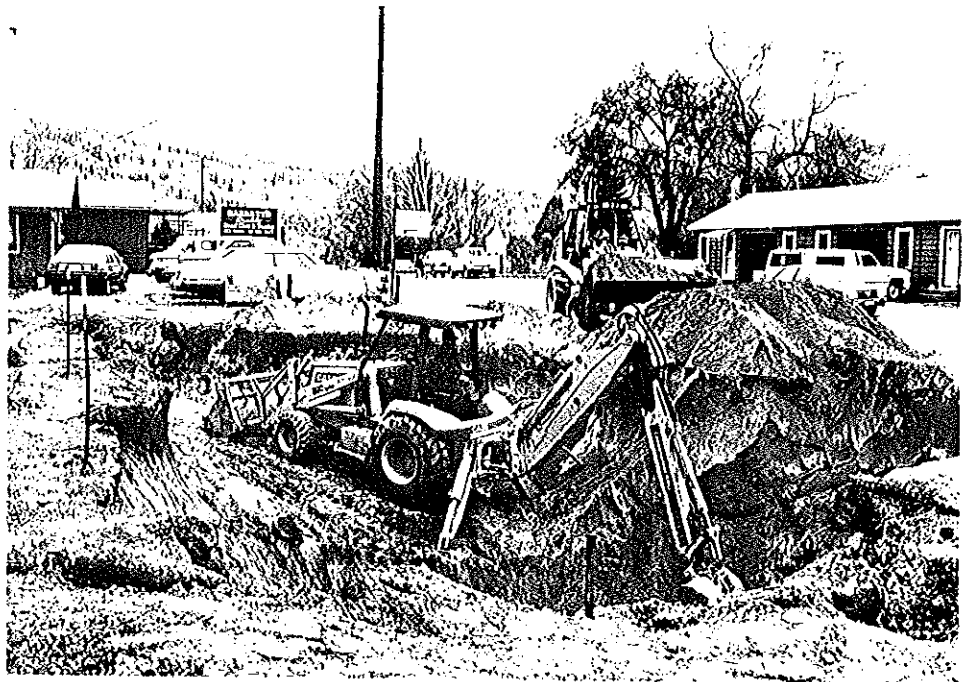
**Photograph 20.**

Stockpiled excavated soil stored behind the station. Note it is stored on and covered with 30 mil plastic, looking south.



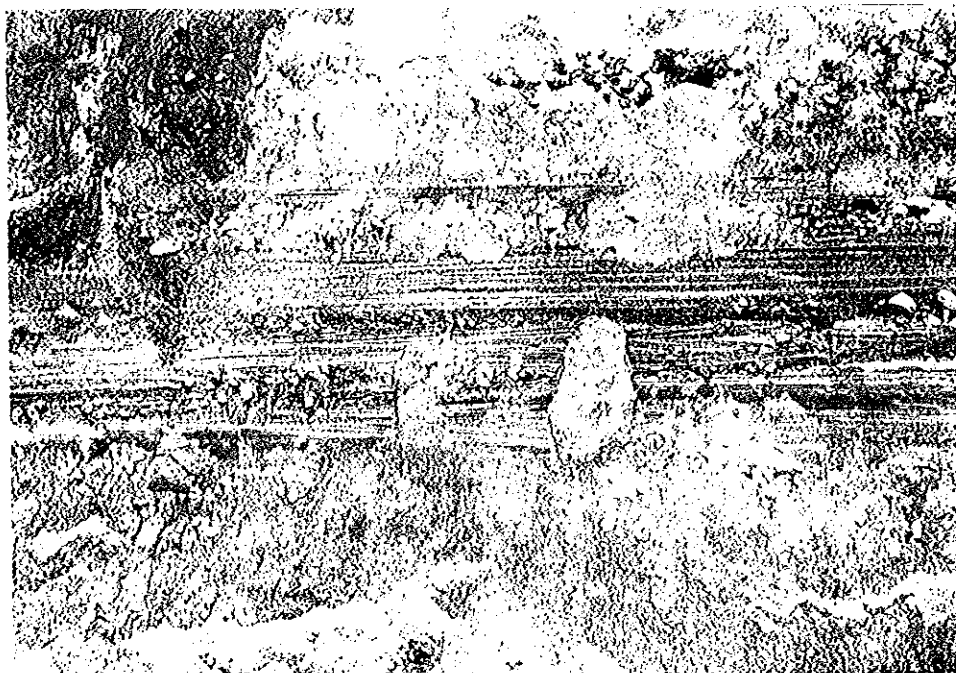
**Photograph 21.**

View of excavation of the pits which contained the 6,000 gallon unleaded gasoline and the 1,000 leaded gasoline UST's, looking east-northeast.



**Photograph 22.**

View of excavation of the pits which contained the 6,000 gallon unleaded gasoline and the 1,000 leaded gasoline UST's, looking west-northwest.



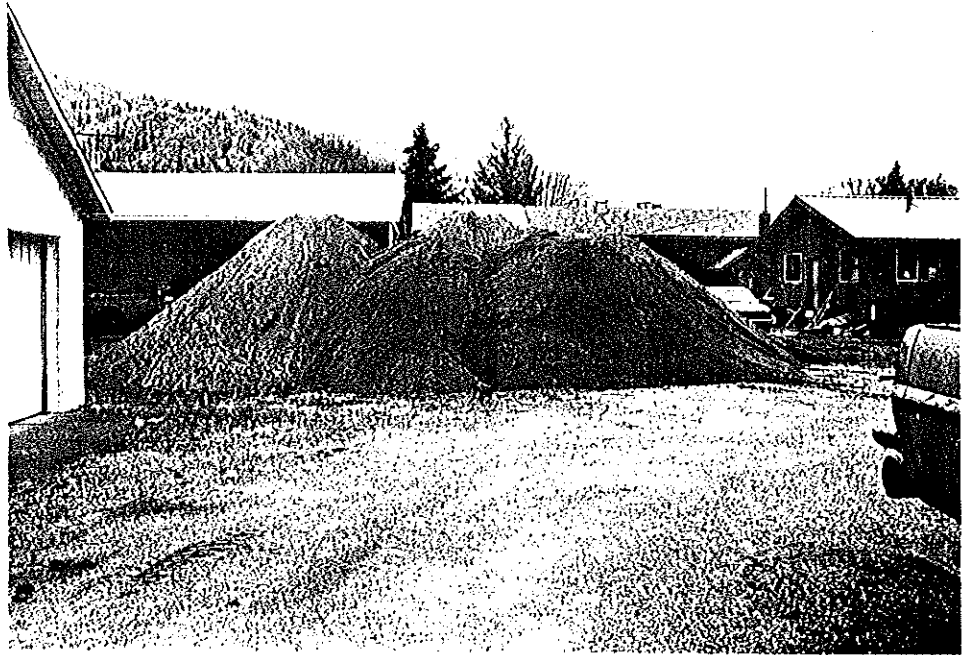
**Photograph 23.**

Closeup of the stratigraphy located in the new excavation, looking south.



**Photograph 24.**

Closeup of the stratigraphy located in the new excavation, looking north.



**Photograph 25.**

Stockpiled soil from the excavation of the pits which contained the 6,000 gallon unleaded gasoline and the 1,000 gallon leaded gasoline UST's.